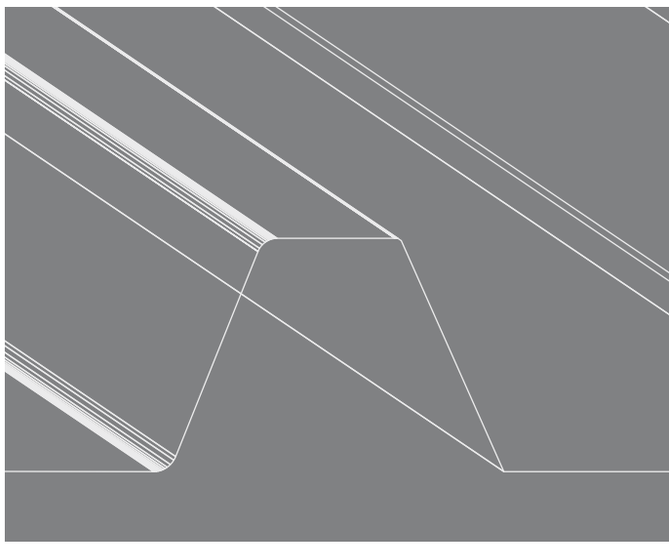
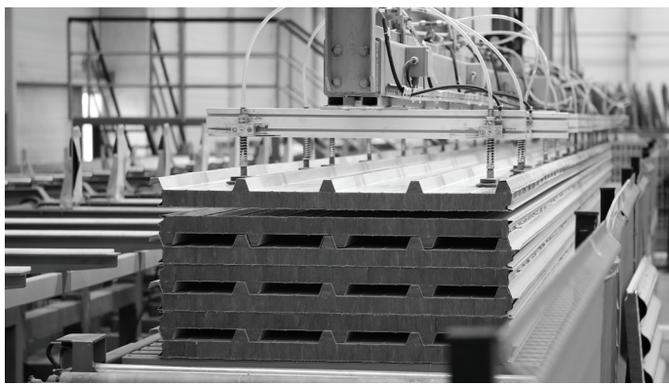
iZOCAM TEKiZ





ROOF AND FACADE SYSTEMS

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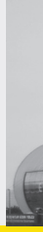


İZOCAM TEKİZ INSULATED PANELS

1.1 GENERAL DEFINITION

-

Insulated panels are the materials that are formed between two metal surfaces. At first, area of use was industrial buildings like facade and roof coverings of aircraft sheds and factories which have high openings. During the 2nd World War, their area of use has expanded, the variety has become larger and reached to its current status. Since they are lightweight and durable, their installation period is shorter. Depending on the insulation type, it provides thermal insulation, sound insulation, waterproofing and fire safety.

1.2 AREA OF USE

-

Insulated panels can be used in all types of buildings that require fast installation and need to cover large openings. Currently, they are used mostly in industrial buildings, shopping malls, silos, sports halls, etc.

1.3 MANUFACTURING PROCESS

-

Covering material that provides the load-bearing capacity of the insulated panel can be produced from different materials. These can be galvanized sheet, aluminium considering texture options or PVC or TPO membrane depending on the panel type. For painted metal production, coilcoating technique is used for desired amount, colour and paint type and then lamination is applied. Here, there is a continuous process applied before metal rolls being formed. First metal roll (galvanized steel or aluminum) is uncoiled. Its top and bottom surfaces are cleaned and after being subjected to a chemical process it becomes ready to be painted. After metal rolls are being undercoated they are oven-dried. Then depending on the conditions of the metal's use, polyester or PVDF paint finish is applied in the desired RAL colour. Afterwards it is oven-dried again and coiled up as a roll getting ready to be formed at the specific unit. Outer surface is coated with PVC film. By this means, painted metal is not damaged during shipping and installation. Inner surface is coated with a desired material. Painted metal rolls are being formed by passing through Roll-Formers at corrugated or sandwich panel lines. Insulation material that is used in the panel can be stone wool, glass wool or polyurethane depending on the intended use and insulation needs.

1.3.1 STONE WOOL INSULATED PANELS

-

Izocam Tekiz Stone Wool Insulated Panels are preferred for the buildings which require high fire safety or for the places where flammable and combustible materials are stored. They are produced by continuous process. By the help of class A noncombustible rated stone wool layer that is used as metal outer shell and insulation sealant, a fire resistant composite system is obtained. In addition to fire safety, the panels also provide thermal and sound insulation and they don't consist of any environmentally hazardous substances. Stone wool is sliced in fully automated production system so that its fibers become in a perpendicular position to the panel surface. By this process, panel's load capacity increases. Fibres are sliced according to fill the corrugations and installed in the panels automatically with staggered joints.

1.3.2 POLYURETHANE/PIR INSULATED PANELS

-

Polyurethane/PIR insulated panels are composite roof and facade coverings with polyurethane/PIR rigid foam sealant. Two components named polyol and isocyanate are injected between two formed surfaces. Chemical reaction between polyol and isocyanate results in the formation of polyurethane/PIR. The top and bottom surface used in polyurethane/PIR panels can be galvanized painted sheet, aluminium, craft paper or for the top surface only PVC or TPO membrane depending on the product type.

Metal rolls go through the continuous panel production line. They are being formed in roll-formers and compose the top and bottom surfaces. Based on the order, Class B2 or B3 polyurethane/PIR is injected homogenously between two surfaces by special spray system. Later it is cured at belt press. After curing, chemical reaction ends, adhering to the metal forming the composite parel. Provided that it has minimum 3 m length, it is cut automatically according to the desired length by the help of flying saw which functions synchronously with the continous production line. Then they are packed and become ready to be shipped.

They have extensive area of use like factories, industrial buildings, military buildings, public buildings, prefabricated buildings, sports facilities, swimming pools, construction site buildings, silos, hypermarkets, shopping malls, market halls and houses. It offers an insulated, aesthetic outer shell for the buildings.

Polyurethane/PIR thermal insulation material has a good value (λ = 0,023 W/mK) in terms of thermal conductivity. By using different insulation thicknesses depending on the climate situation of the region, required climate conditions can be attained efficiently.

- Since polyurethane/PIR is activated with pentane gas at Izocam Tekiz Panel production line, they are environmentally friendly products.
- The panels have high load bearing capacity by means of corrugated metal surfaces. Since the panels are lightweight, they provide savings on the load bearing system.
- They don't get affected by temperature differences.
- Fast installation saves time and labour.
- With the help of its metal surface, it doesn't allow any water leakage. It can be used securely.
- They don't produce or hold any bacteria.
- They don't produce dust.
- They are long-lasting.

İZOCAM TEKİZ INSULATED PANELS

1.3.3 CORRUGATED SHEETS

-

Corrugated Sheets can keep their durability for years without being affected from different climate conditions. They can be produced from galvanized sheet with or without coilcoating paint. Corrugated sheets can be produced in different thicknes and forms depending on different purlin spans. By means of their functional design, they can be used without any insulation or with various insulation materials. They can have curved forms and their finish profiles can be produced in the desired shape. For that reason, it is possible to have aesthetic detail solutions. Corrugated sheets can be carried easily and their installation is convenient. They are protected against corrosion by means of galvanized coating and paint layer on top of the panels. Galvanized sheets or aluminum rolls that are used for corrugated sheet production in different forms can be coated with a desired RAL colour with coilcoating system. İzocam Tekiz Corrugated Sheets are reliable products offering various forms and colours and presenting alternative solutions with high bearing capacity.

RAL 9002 (white)

RAL 9006 (grey)

RAL 5010 (blue)

RAL 3000 (red)

1015 (beige)

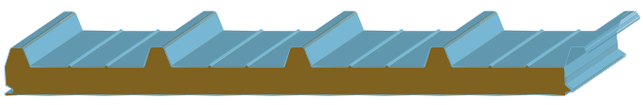
RAL 6029 (green)

Standart colors are 0,50 mm thickness only.

1.4 TEXTURE OPTIONS FOR INSULATED PANEL SHEETS

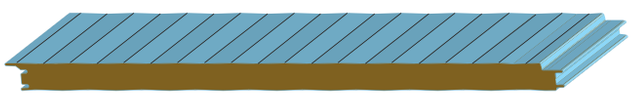
Stone Wool Insulated Panels

Stone Wool Insulated Roof Panel

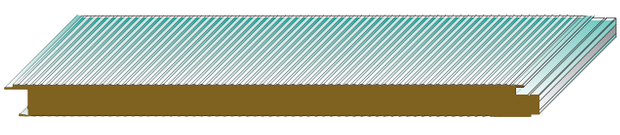


Bottom Sheet with Corrugated Texture

Stone Wool Insulated Facade Panel

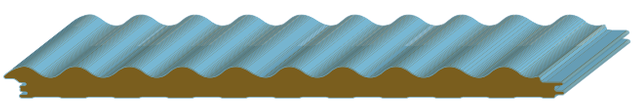


Facade Sheet with Corrugated Texture



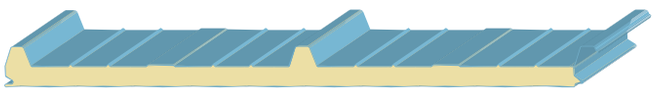
Facade Sheet with Microlined Texture

Stonewool Sinus Panels



Polyurethane/PIR Insulated Panels

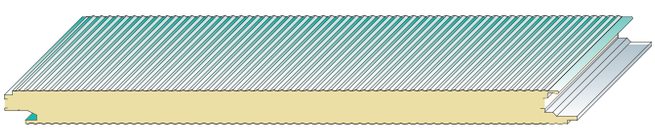
Polyurethane/PIR Insulated Roof Panel



Bottom Sheet with Corrugated Texture

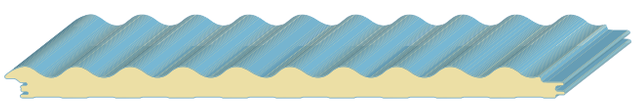
Polyurethane/PIR Insulated Facade Panel

Facade Sheet with Corrugated Texture



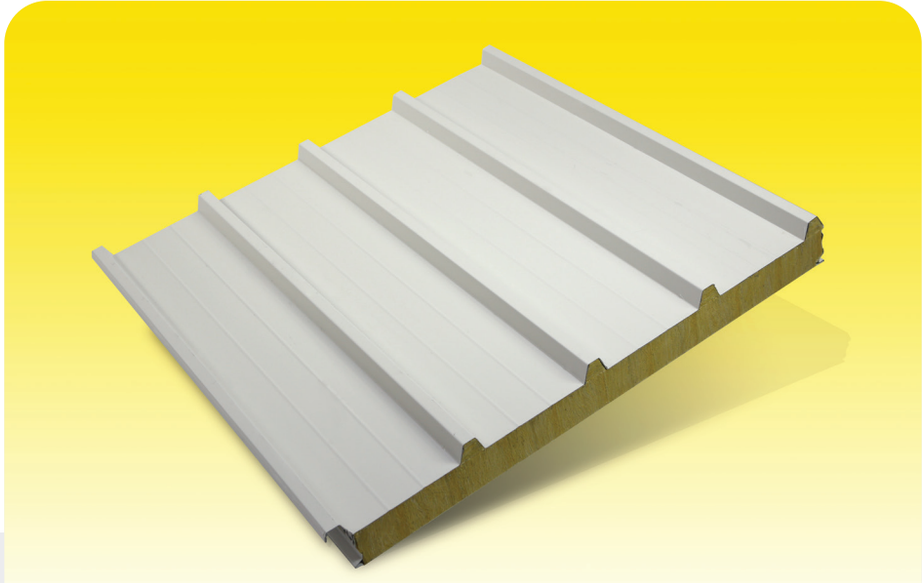
Facade Sheet with Microlined Texture

Polyurethane/PIR Insulated Sinus Panels



1.5 STONE WOOL INSULATED ROOF PANEL

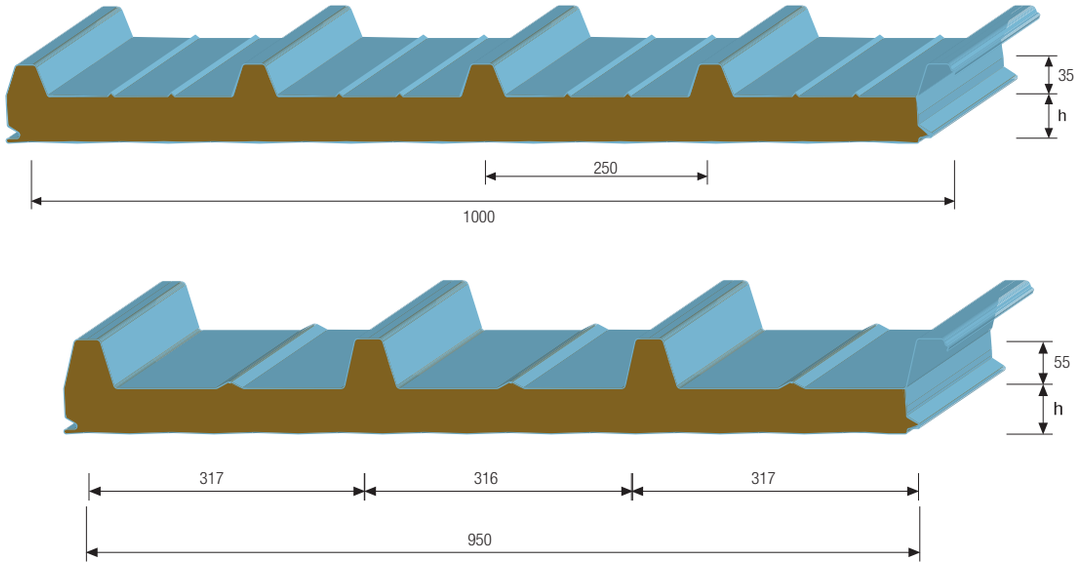
Composite roof panel with stone wool insulation core. Provides fire safety, heat and sound insulation. Suitable for slopes over 7%.



Technical Specifications	SPC 1000 SW	SPC 950 SW
Useful Width (mm)	1000	950
Rib Height (mm)	35	55
Rib Count	5	4
Sheet Type and Thickness (mm)	Painted Galvanized Sheet (0,50 - 0,60 - 0,70 - 0,80)	
Paint Type	Polyester PVdF	
Colour	RAL 9002[a]	
Texture	Corrugated	
Insulation	Stone Wool	
Insulation Thickness (mm) - h	50 - 60 - 75 - 80 - 100 - 120	
Declared Thermal Conductivity $_{(10^{\circ}C)}$ (W/mK)	≤ 0,040	
Reaction to Fire	A2-s1, d0	
Fire Resistance	REI 120*	

[a]It is the standard colour. Other colours are produced on demand.
*TS EN 13501-2 +A1: Valid for 100 mm thickness and higher.

1.5 PANEL DETAIL



Load Tables

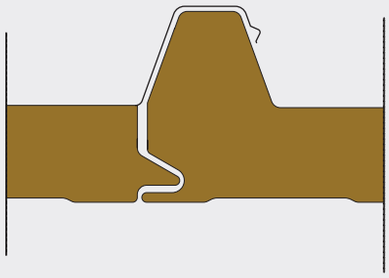
SPC 1000 5R STONE WOOL INSULATED ROOF PANEL		Multi Support Span (L/200 L=m)						
Panel Thickness (mm)	Panel weights (kg/m²)	1,0	1,5	2,0	2,5	3,0	3,5	4,0
		Distributed Load Bearing (P=kg/m²)						
50	14,8	1585	727	475	318	160	140	120
60	15,8	1743	792	503	391	280	216	151
75	17,3	2092	1000	740	550	360	286	208
80	17,7	2301	1079	754	587	420	323	223
100	19,7	2761	1331	1005	783	560	431	295

Values on the table apply to the sheet thickness of 0,60 (top) + 0,50 (bottom)
Insulated panel weights may vary depending on sheet thickness tolerances.

SPC 950 4R STONE WOOL INSULATED ROOF PANEL		Multi Support Span (L/200 L=m)						
Panel Thickness (mm)	Panel weights (kg/m²)	1,0	1,5	2,0	2,5	3,0	3,5	4,0
		Distributed Load Bearing (P=kg/m²)						
50	15,6	1901	855	523	393	263	205	148
60	16,6	2091	939	571	441	311	243	175
75	18,1	2509	1180	833	638	443	346	225
80	18,6	2760	1277	857	662	467	365	239
100	20,6	3312	1573	1143	883	623	486	303

Values on the table apply to the sheet thickness of 0,60 (top) + 0,50 (bottom)
Insulated panel weights may vary depending on sheet thickness tolerances.

Panel Joint Detail

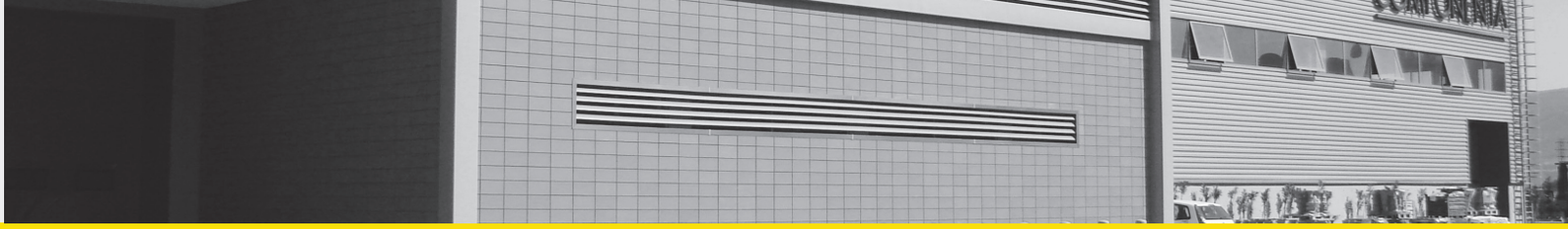


1.6 STONE WOOL INSULATED FACADE PANEL

Composite facade panel with stone wool insulation core. Provides fire safety, heat and sound insulation.

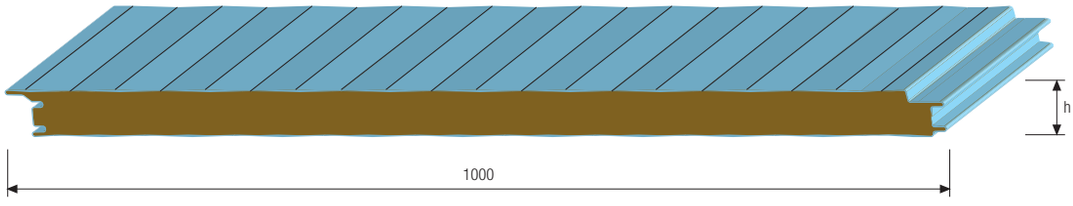
Technical Specifications	SPD 1000 SW
Useful Width (mm)	1000
Sheet Type and Thickness (mm)	Painted Galvanized Sheet (0,50 - 0,60 - 0,70 - 0,80)
Paint Type	Polyester PVdF
Colour	RAL 9002[a]
Texture	Corrugated, Microlined
Insulation	Stone Wool
Insulation Thickness (mm) - h	50 - 60 - 75 - 80 - 100 - 120
Declared Thermal Conductivity $_{(10^{\circ}C)}$ (W/mK)	≤ 0,040
Reaction for Fire	A2-s1, d0
Fire Resistance	EI 60*

[a]It is the standard colour. Other colours are produced on demand.
**TS EN 13501-2 +A1: Valid for 100mm thickness and higher.

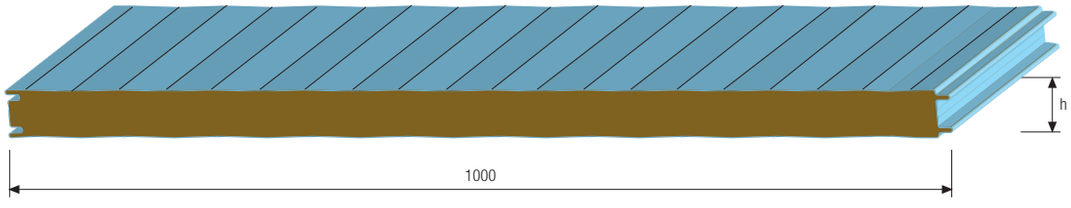


1.6 PANEL DETAIL

Hidden Screw



Visible Screw

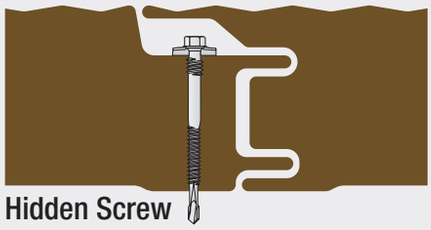


Load Table

SPD 1000 STONE WOOL INSULATED FACADE PANEL		Multi Support Span (L/200 L=m)						
Panel Thickness (mm)	Panel weights (kg/m²)	1,0	1,5	2,0	2,5	3,0	3,5	4,0
		Distributed Load Bearing (P=kg/m²)						
50	14.3	959	503	461	321	181	143	105
60	15.3	1048	550	504	385	266	204	141
75	16.8	1141	599	549	396	281	215	149
80	17.3	1186	622	570	428	285	221	158
100	19.3	1323	694	636	470	304	239	174

Values on the table apply to the sheet thickness of 0,60 (top) + 0,50 (bottom)
Insulated panel weights may vary depending on sheet thickness tolerances.

Panel Joint Detail

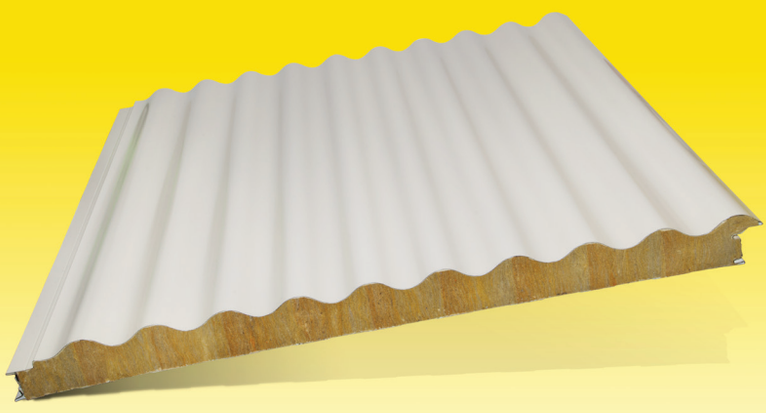


Hidden Screw

Visible Screw

1.7 STONE WOOL SINUS PANEL

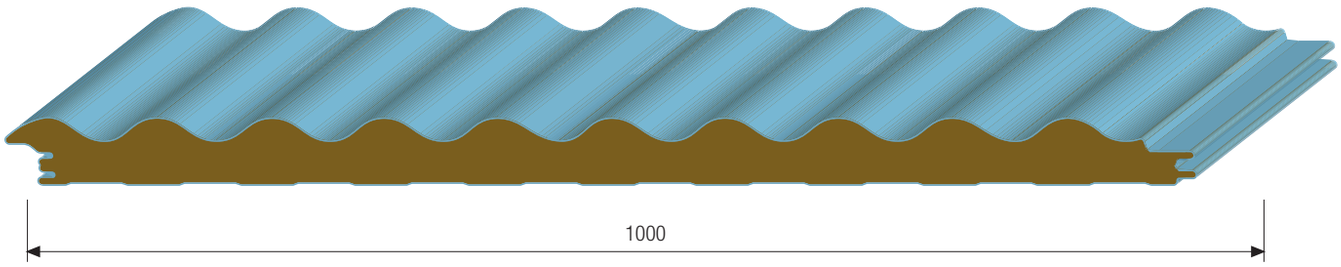
Sinus-patterned stonewool insulated panels feature hidden screws to enhance aesthetics view on facades while ensuring fire safety.



Technical Specifications	SPD 1000 G.V SINUS
Useful Width (mm)	1000
Sheet Type and Thickness (mm)	Painted Galvanized Sheet (0,50 - 0,60 - 0,70 - 0,80)
Paint Type	Polyester PVdF
Colour	RAL 9002[a]
Texture	Sinus
Insulation	Stone Wool
Insulation Thickness (mm) - h	50-60-75-80-100-120
Declared Thermal Conductivity (W/MK)[c]	≤ 0,040
Reaction to Fire	A2-s1, d0

[a]It is the standard colour. Other colours are produced on demand.

1.7 PANEL DETAIL

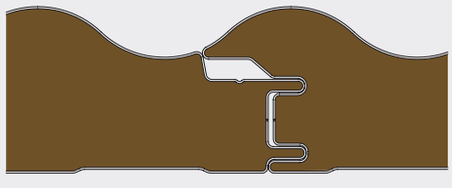


Load Table

SPD 1000 STONE WOOL SINUS PANELS		Multi Support Span (L/200 L=m)						
Panel Thickness (mm)	Panel weights (kg/m²)	1,0	1,5	2,0	2,5	3,0	3,5	4,0
		Distributed Load Bearing (P=kg/m²)						
50	14.3	959	503	461	321	181	143	105
60	15.3	1048	550	504	385	266	204	141
75	16.8	1141	599	549	396	281	215	149
80	17.3	1186	622	570	428	285	221	158
100	19.3	1323	694	636	470	304	239	174

Values on the table apply to the sheet thickness of 0,60 (top) + 0,50 (bottom)
Insulated panel weights may vary depending on sheet thickness tolerances.

Panel Joint Detail



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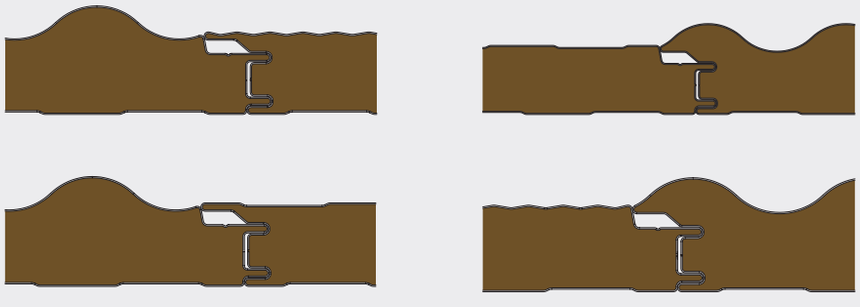
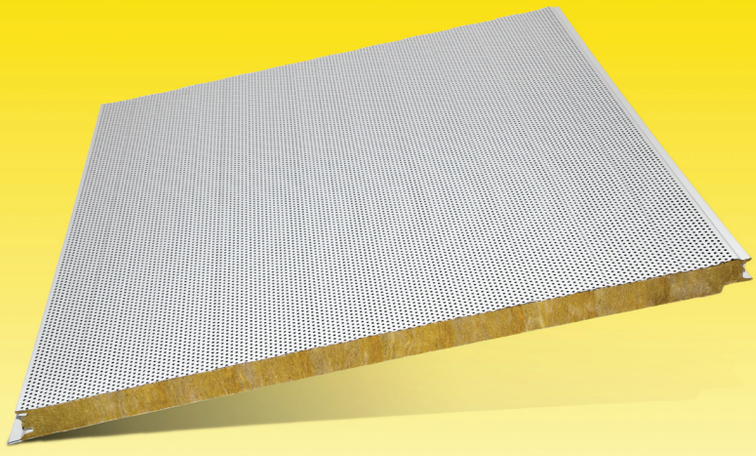


1.8 STONE WOOL INSULATED ACOUSTIC FACADE PANEL

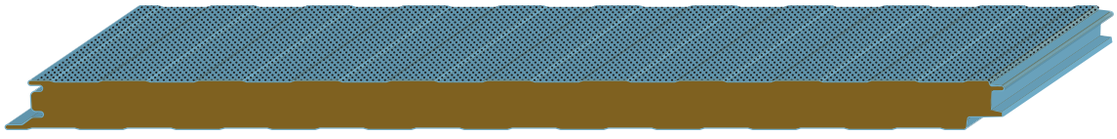
Stone wool insulated panels with perforated sheet on one side, ensuring acoustic comfort by preventing or reducing noise in industrial plants, workshops, factories, work places etc.

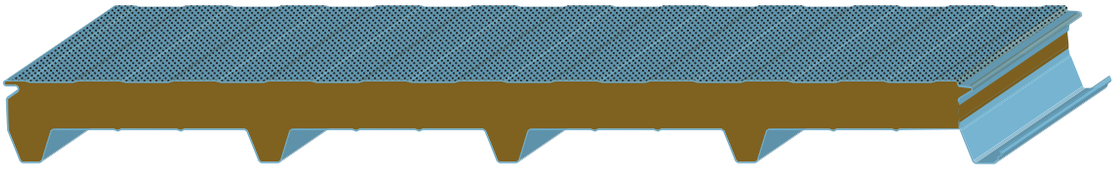


Technical Specifications	SPD 1000 G.V ACOUSTIC
Useful Width (mm)	1000
Sheet Type and Thickness (mm)	Painted Galvanized Sheet (0,50 - 0,60 - 0,70 - 0,80)
Paint Type	Polyester PVdF
Colour	RAL 9002[a]
Texture	Trapeze
Insulation	Stone Wool
Insulation Thickness (mm) - h	50-60-75-80-100-120
Declared Thermal Conductivity (W/MK)[c]	≤ 0,040
Weighted Sound Absorption Coefficient	aw = 0,45 (L)*
Sound Insulation Factor	Rw (C;Ctr)= 34,1 (-2; -4) dB**

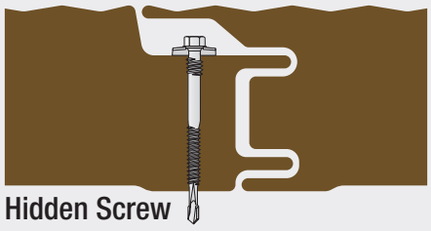
[a]It is the standard colour. Other colours are produced on demand.
*TS EN ISO 11654: Valid for 100 mm thickness.
**TS EN ISO 717-1: Valid for 80 mm thickness.

1.8 PANEL DETAIL





Panel Joint Detail



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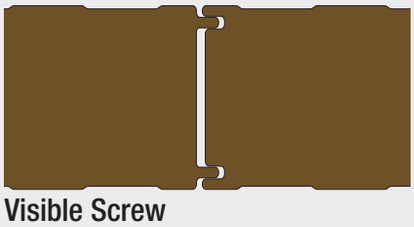
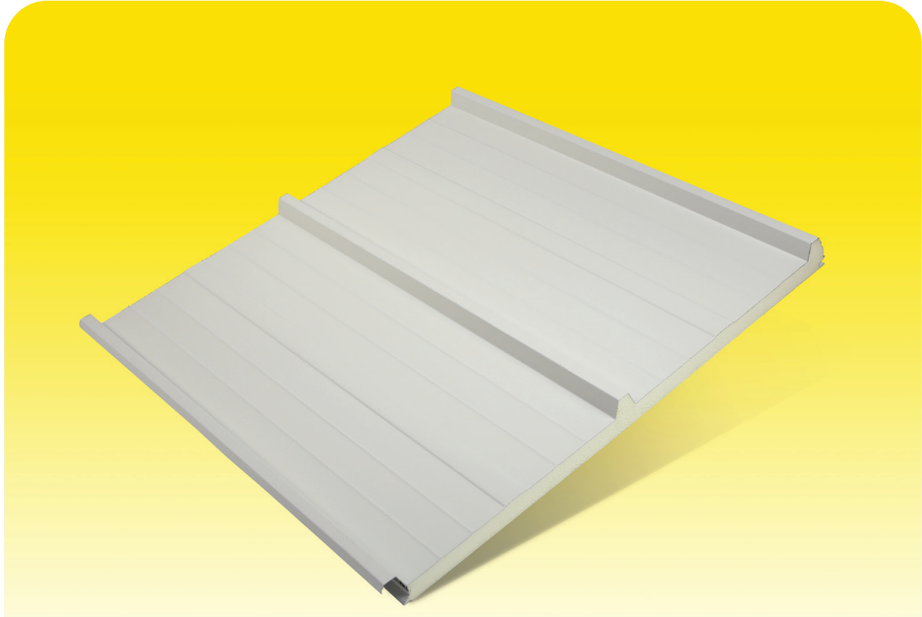


Visible Screw

1.9 POLYURETHANE/PIR INSULATED ROOF PANEL

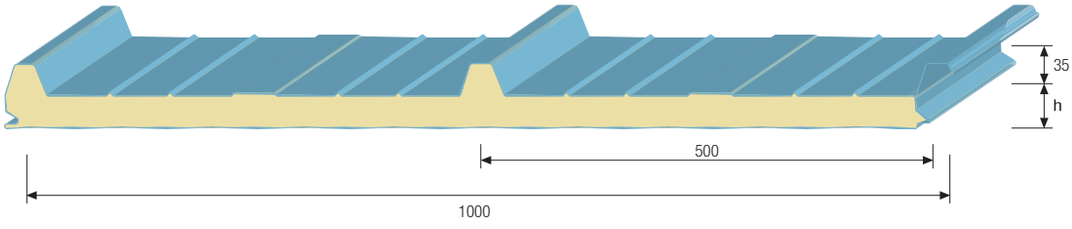
Composite roof panel with polyurethane/PIR insulation core.
Provides thermal insulation for sales higher than 7%.



Technical Specifications	SPC 1000 3R	SPC 1000 5R	SPC 950
Useful Width (mm)	1000		950
Rib Height (mm)	35		55
Rib Count	3	5	4
Sheet Type and Thickness (mm)	Painted Galvanized Sheet (0,40 - 0,50 - 0,60 - 0,70 - 0,80)		
Paint Type	Polyester PVdF		
Colour	RAL 9002[a]		
Texture	Trapeze		
Insulation	Polyurethane/PIR		
Insulation Thickness (mm) - h	35 - 40 - 50 - 60 - 75 - 80 - 100		
Declared Thermal Conductivity (W/MK)[c]	≤ 0,023		
Reaction to Fire	B-s2, d0		

[a]It is the standard colour. Other colours are produced on demand.

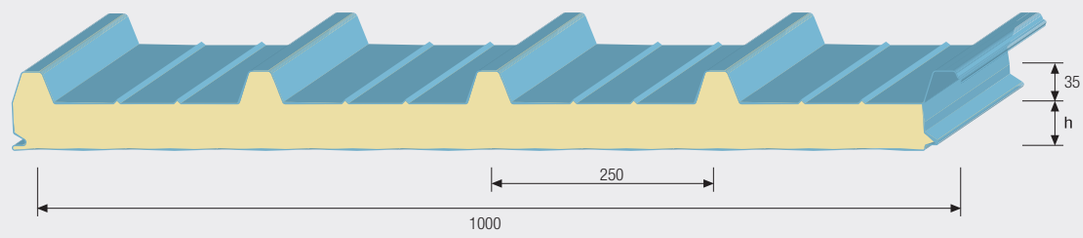
1.9 PANEL DETAIL



Load Table

SPC 1000 3R POLYURETHANE/PIR INSULATED ROOF PANEL		Multi Support Span (L/200 L=m)						
Panel Thickness (mm)	Panel weights (kg/m²)	1,0	1,5	2,0	2,5	3,0	3,5	4,0
		Distributed Load Bearing (P=kg/m²)						
40	9,3	610	323	279	203	126	94	61
50	9,7	677	358	308	230	153	116	79
60	10,1	782	400	348	265	183	138	93
75	10,7	938	510	501	380	259	203	146
80	10,9	1032	550	521	398	274	213	153
100	11,7	1238	686	695	530	365	289	214

Values on the table apply to the sheet thickness of 0,50 (top) + 0,50 (bottom)
Insulated panel weights may vary depending on sheet thickness tolerances.

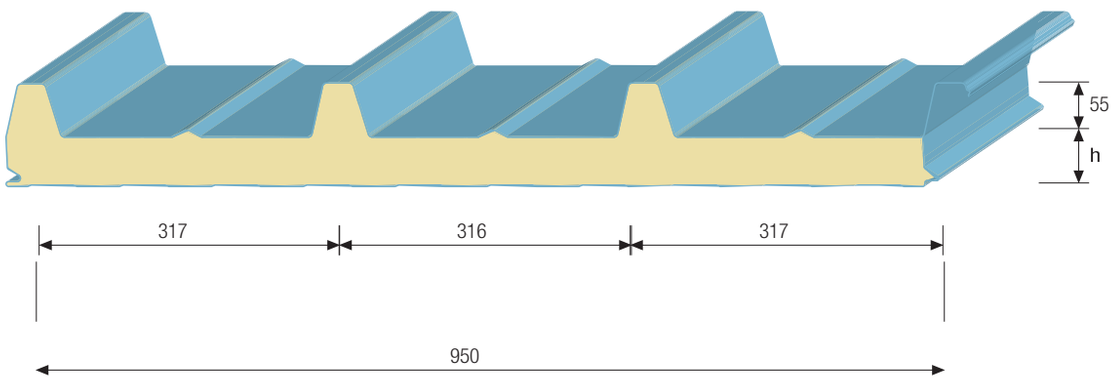


Load Table

SPC 1000 5R POLYURETHANE/PIR INSULATED ROOF PANEL		Multi Support Span (L/200 L=m)						
Panel Thickness (mm)	Panel weights (kg/m²)	1,0	1,5	2,0	2,5	3,0	3,5	4,0
		Distributed Load Bearing (P=kg/m²)						
40	10,6	1250	577	336	239	143	111	80
50	11,0	1388	640	371	289	208	156	105
60	11,4	1587	698	393	309	225	176	128
75	12,0	1905	876	578	453	329	259	189
80	12,2	2095	947	589	463	338	269	200
100	13,0	2514	1165	785	618	450	361	273

Values on the table apply to the sheet thickness of 0,50 (top) + 0,50 (bottom)
Insulated panel weights may vary depending on sheet thickness tolerances.

1.9 PANEL DETAIL

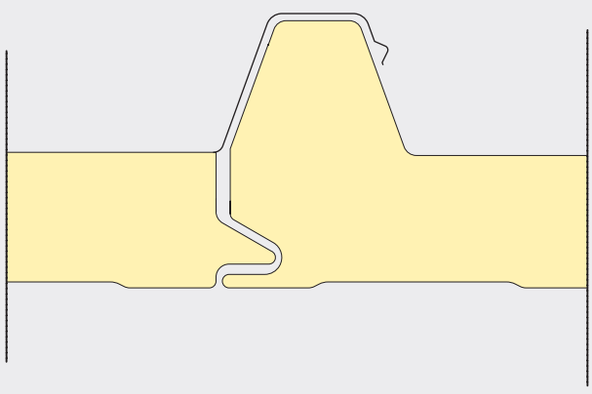


Load Table

SPC 950 4R POLYURETHANE/PIR INSULATED ROOF PANEL		Multi Support Span (L/200 L=m)						
Panel Thickness (mm)	Panel weights (kg/m²)	1,0	1,5	2,0	2,5	3,0	3,5	4,0
		Distributed Load Bearing (P=kg/m²)						
40	11,2	1640	753	430	316	201	154	108
50	11,6	1804	846	523	385	248	192	136
60	12,0	2064	921	548	417	286	221	155
75	12,6	2477	1160	809	609	410	314	219
80	12,8	2724	1251	821	625	429	329	228
100	13,6	3269	1541	1095	834	573	437	301

Values on the table apply to the sheet thickness of 0,50 (top) + 0,50 (bottom)
Insulated panel weights may vary depending on sheet thickness tolerances.

Panel Joint Detail



Fully certified* protection against fire!

İzocam Tekiz Stone Wool Insulation Roof Panel has REI 120, and Stone Wool Insulation Facade Panel has EI 60 and E120 fire-resistance certificates.

Fully Certified Protection: According to the Regulation on Fire Protection of Buildings, roof panels should provide the defined fire endurance periods in all of the load bearing capacity (R), integrity (E) and insulation (I) criteria. One of these to be missing indicates that the certificate is not in compliance with the fire regulation.

And in wall panels, both integrity (E) and **insulation (I)** criteria should be met. Unmet insulation criterion means incomplete or inadequate certificate.

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İZOCAM TEKİZ

1.10 POLYURETHANE/PIR INSULATED FACADE PANEL

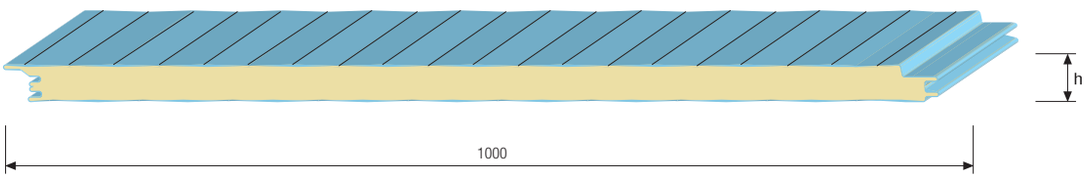
Composite facade panel with polyurethane/PIR insulation core.
Provides thermal insulation.

Technical Specifications	SPD 1000
Useful Width (mm)	1000
Sheet Type and Thickness (mm)	Painted Galvanized Sheet (0,40 - 0,50 - 0,60 - 0,70 - 0,80)
Paint Type	Polyester PVdF
Colour	RAL 9002[a]
Texture	Corrugated, Microlined
Insulation	Polyurethane/PIR
Insulation Thickness (mm) - h	40 - 50 - 60 - 75 - 80 - 100
Declared Thermal Conductivity (W/MK)[c]	≤ 0,023
Reaction to Fire	B-s2, d0

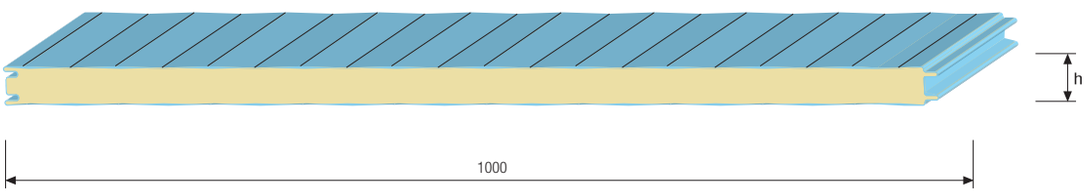
[a]It is the standard colour. Other colours are produced on demand.

1.10 PANEL DETAIL

Hidden Screw



Visible Screw

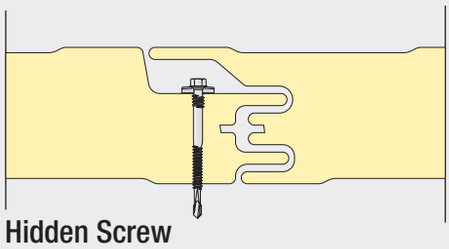


Load Table

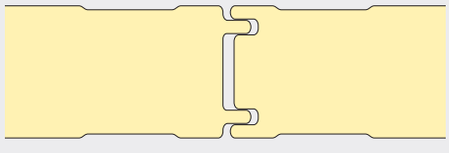
SPD 1000 POLYURETHANE/PIR INSULATED FACADE PANEL		Multi Support Span (L/200 L=m)						
Panel Thickness (mm)	Panel weights (kg/m²)	1,0	1,5	2,0	2,5	3,0	3,5	4,0
		Distributed Load Bearing (P=kg/m²)						
40	9,3	561	272	208	157	106	80	54
50	9,7	735	366	301	234	168	127	86
60	10,1	893	455	394	311	229	174	119
75	10,7	1197	590	472	375	279	224	169
80	10,9	1315	648	518	414	309	247	185
100	11,7	1557	778	643	516	390	321	251

Values on the table apply to the sheet thickness of 0,50 (top) + 0,50 (bottom)
Insulated panel weights may vary depending on sheet thickness tolerances.

Panel Joint Detail



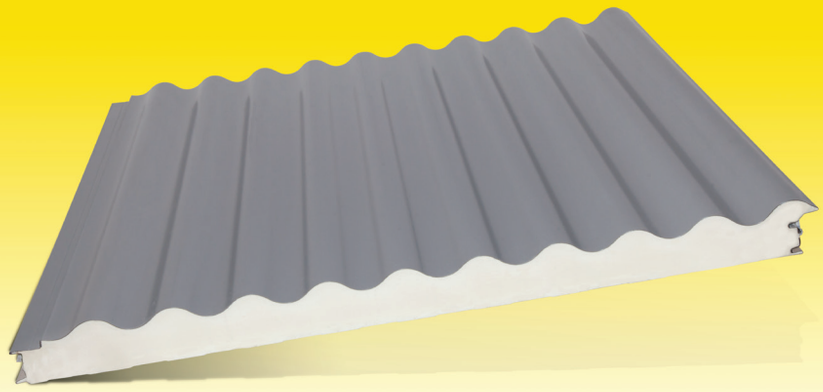
Hidden Screw



Visible Screw

1.11 POLYURETHANE/PIR INSULATED SINUS PANEL

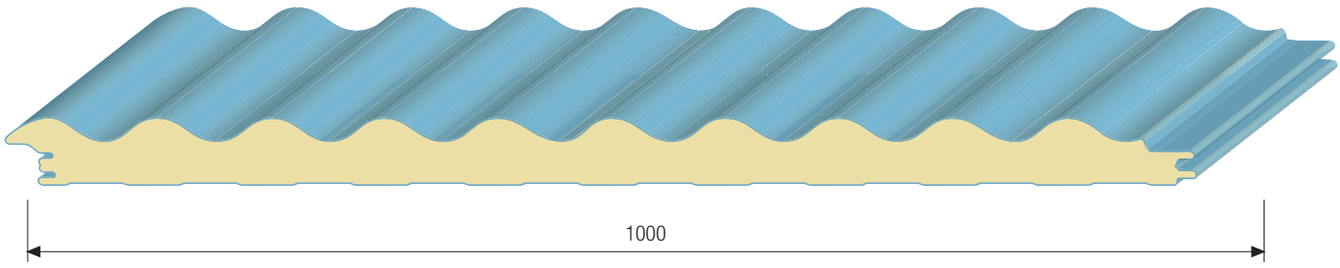
Sinus-patterned, PIR/Pur insulated panels feature hidden screws to enhance aesthetics view on facades while offering superior insulation.



Technical Specifications	SPD 1000 SINUS
Useful Width (mm)	1000
Sheet Type and Thickness (mm)	Painted Galvanized Sheet (0,50 - 0,60 - 0,70 - 0,80)
Paint Type	Polyester PVdF
Colour	RAL 9002[a]
Texture	Sinus
Insulation	Polyurethane/PIR
Insulation Thickness (mm) - h	40 - 50 - 60 - 75 - 80 -100
Declared Thermal Conductivity (W/MK)[c]	≤ 0,023
Reaction to Fire	B-s3, d0 / B-s2, d0

[a]It is the standard colour. Other colours are produced on demand.

1.11 PANEL DETAIL

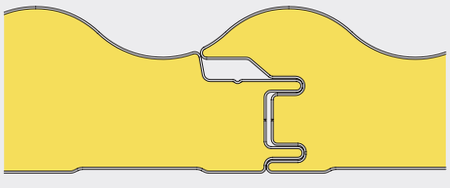


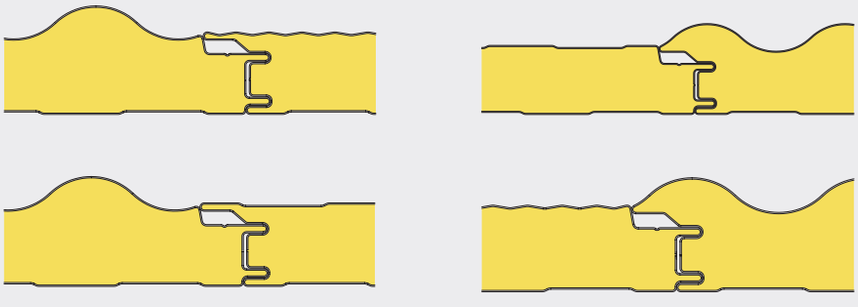
Load Table

SPD 1000 POLYURETHANE/PIR INSULATED SINUS PANELS		Multi Support Span (L/200 L=m)						
Panel Thickness (mm)	Panel weights (kg/m²)	1,0	1,5	2,0	2,5	3,0	3,5	4,0
		Distributed Load Bearing (P=kg/m²)						
40	10,6	561	272	208	157	106	80	54
50	11,0	735	366	301	234	168	127	86
60	11,4	893	455	394	311	229	174	119
75	12,0	1197	590	472	375	279	224	169
80	12,2	1315	648	518	414	309	247	185
100	13,0	1557	778	643	516	390	321	251

Values on the table apply to the sheet thickness of 0,50 (top) + 0,50 (bottom)
Insulated panel weights may vary depending on sheet thickness tolerances.

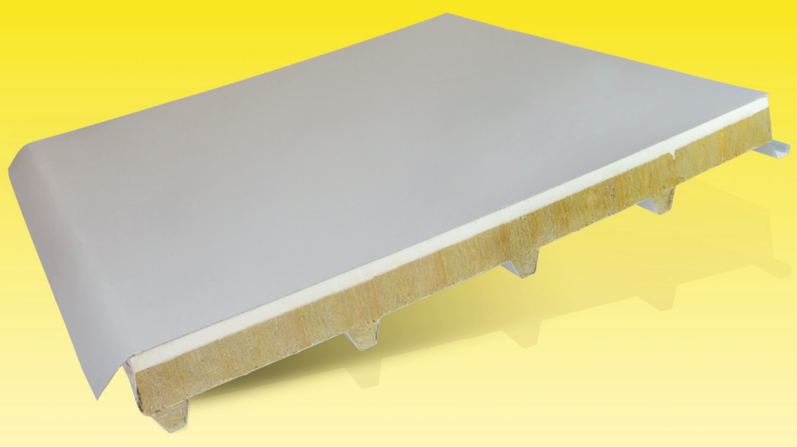
Panel Joint Detail





1.12 KOMBI PANEL

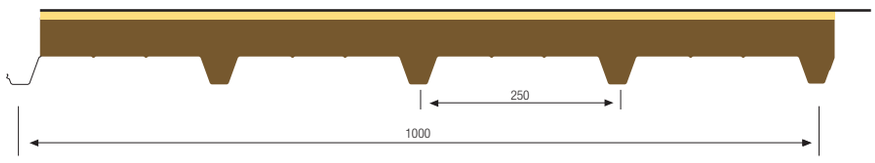
It is produced to provide fire resistance, sound and thermal insulation for roofs with a slope smaller than 7 %. It is a stone wool and polyurethane/PIR insulated roof panel that its top surface is covered with PVC or TPO membrane.

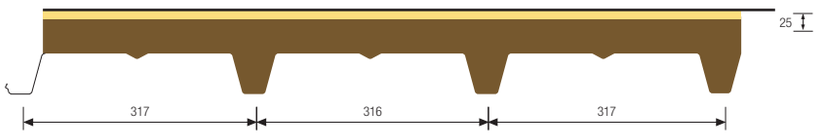


Technical Specifications	Kombi Panel	
Useful Width (mm)	1000	950
Rib Height (mm)	35	55
Rb Count	5	4
Sheet Type and Thickness (mm)	Painted Galvanized Sheet (0,60 - 0,70 - 0,80) PVC/TPO Membrane (1,20 - 1,50)	
Paint Type	Polyester PVdF	
Colour	RAL 9002[a]	
Insulation	Stone Wool + Polyurethane/PIR	
Insulation Thickness (mm) - h	60 - 70 - 75 - 80 - 100 - 120	
Declared Thermal Conductivity $_{(10°C)}$ (W/mK)	≤ 0,040/0,023	
Reaction to Fire	B-s1, d0	
Reaction to External Fire	Broof (t_2)	

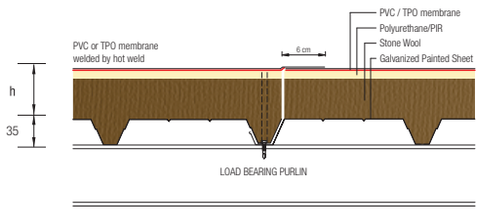
[a]It is the standard colour. Other colours are produced on demand.

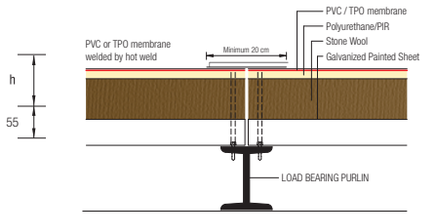
1.12 PANEL DETAIL





Panel Joint Detail





Load Table

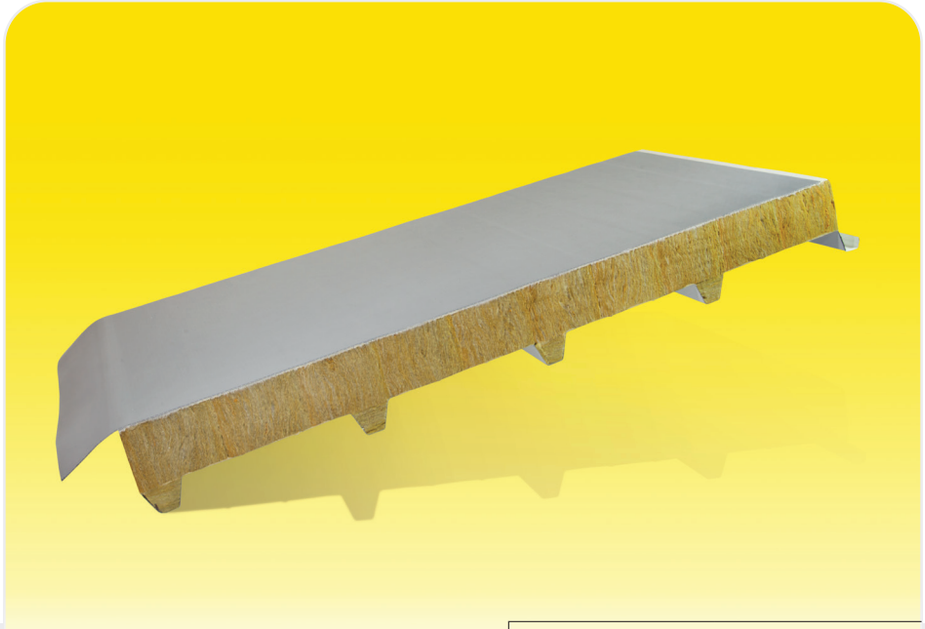
SPC 1000 5R KOMBI PANEL		Multi Support Span (L/200 L=m)						
Panel Thickness (mm)	Panel weights (kg/m²)	1,0	1,5	2,0	2,5	3,0	3,5	4,0
		Distributed Load Bearing (P=kg/m²)						
0,6	14,2	554	260	160	105	60	38	26
0,7	15,1	704	325	188	124	71	45	30
0,8	16,0	840	382	212	140	81	51	34

SPC 950 4R KOMBI PANEL		Multi Support Span (L/200 L=m)						
Panel Thickness (mm)	Panel weights (kg/m²)	1,0	1,5	2,0	2,5	3,0	3,5	4,0
		Distributed Load Bearing (P=kg/m²)						
0,6	14,4	1014	482	312	211	109	79	49
0,7	15,3	1310	614	378	256	134	96	59
0,8	16,2	1583	734	435	295	155	111	67

Panel weight is fo 75 mm thickness.

1.13 STONE WOOL FIBRO PANEL

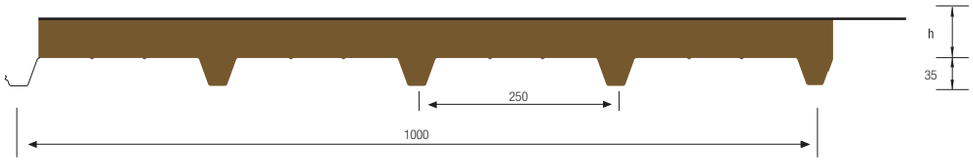
Composite roof panel with stone wool care produced with PVC/TPO membrane and suitable for slopes lower than 7%. Provides fire safety, heat and sound insulation

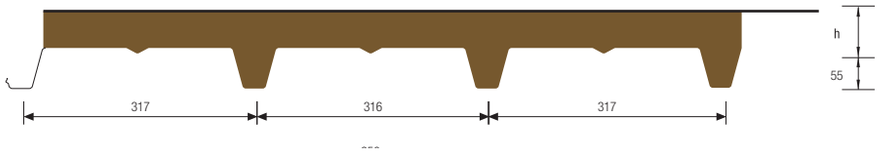


Technical Specifications	Stone Wool Fibro Panel	
Useful Width (mm)	1000	950
Rib Height (mm)	35	55
Rib Count	5	4
Sheet Type and Thickness (mm)	Painted Galvanized Sheet (0,60 - 0,70 - 0,80) PVC/TPO Membrane (1,50)	
Paint Type	Polyester PVdF	
Colour	RAL 9002[a]	
Insulation	Stone Wool	
Insulation Thickness (mm) - h	60 - 75 - 80 - 100 - 120	
Declared Thermal Conductivity $_{(10°C)}$ (W/mK)	≤ 0,040	
Reaction to Fire	B-s1, d0	
Reaction to External Fire	Broof (t_2)	

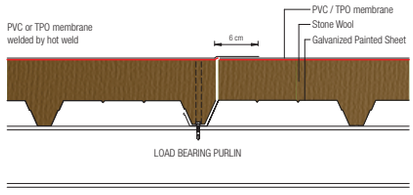
[a]It is the standard colour. Other colours are produced on demand.

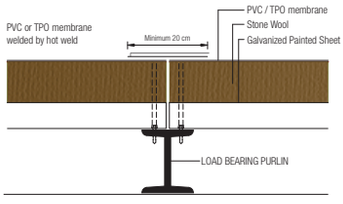
1.13 PANEL DETAIL





Panel Joint Detail





Load Table

SPC 1000 5R STONE WOOL FIBRO PANEL		Multi Support Span (L/200 L=m)						
Panel Thickness (mm)	Panel weights (kg/m²)	1,0	1,5	2,0	2,5	3,0	3,5	4,0
		Distributed Load Bearing (P=kg/m²)						
0,6	16,3	554	260	160	105	60	38	26
0,7	17,2	704	325	188	124	71	45	30
0,8	18,1	840	382	212	140	81	51	34

SPC 950 4R STONE WOOL FIBRO PANEL		Multi Support Span (L/200 L=m)						
Panel Thickness (mm)	Panel weights (kg/m²)	1,0	1,5	2,0	2,5	3,0	3,5	4,0
		Distributed Load Bearing (P=kg/m²)						
0,6	16,5	1014	482	312	211	109	79	49
0,7	17,4	1310	614	378	256	134	96	59
0,8	18,3	1583	734	435	295	155	111	67

Panel weight is fo 75 mm thickness.

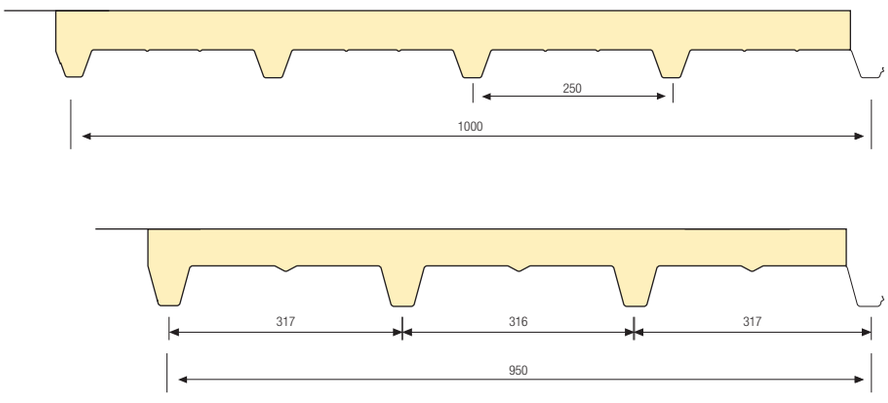
1.14 FIBRO PANEL

It is produced to provide thermal insulation for roofs with a slope smaller than 7 %. It is a polyurethane/PIR insulated roof panel and its top surface is covered with PVC or TPO membrane.

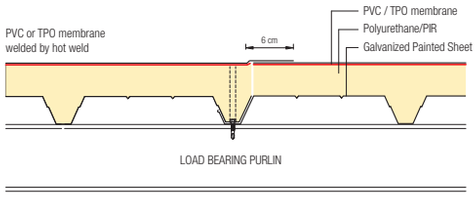
Technical Specifications	Fibro Panel	
Useful Width (mm)	1000	950
Rib Height (mm)	35	55
Rib Count	5	4
Sheet Type and Thickness (mm)	Painted Galvanized Sheet (0,60 - 0,70) PVC/TPO Membrane (1,20 - 1,50)	
Paint Type	Polyester PVdF	
Colour	RAL 9002[a]	
Insulation	Polyurethane/PIR	
Insulation Thickness (mm) - h	40 - 50 - 60 - 75 - 80 - 100	
Declared Thermal Conductivity (W/mK)	≤ 0,023	
Reaction to External Fire	Broof (t_2)*	

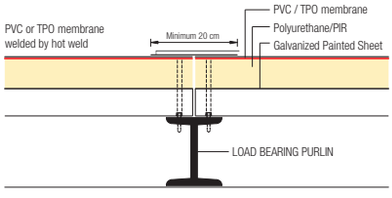
[a]It is the standard colour. Other colours are produced on demand.
*Valid for PIR insulation

1.14 PANEL DETAIL



Panel Joint Detail





Load Tables

SPC 1000 5R FIBRO PANEL		Multi Support Span (L/200 L=m)						
Panel Thickness (mm)	Panel weights (kg/m²)	1,0	1,5	2,0	2,5	3,0	3,5	4,0
		Distributed Load Bearing (P=kg/m²)						
0,6	10,3	554	260	160	105	60	38	26
0,7	11,2	704	325	188	124	71	45	30
0,8	12,1	840	382	212	140	81	51	34

SPC 950 4R FIBRO PANEL		Multi Support Span (L/200 L=m)						
Panel Thickness (mm)	Panel weights (kg/m²)	1,0	1,5	2,0	2,5	3,0	3,5	4,0
		Distributed Load Bearing (P=kg/m²)						
0,6	10,5	1014	482	312	211	109	79	49
0,7	11,4	1310	614	378	256	134	96	59
0,8	12,3	1583	734	435	295	155	111	67

Panel weight is for 75 mm thickness.

1.15 COLD STORAGE PANEL

High thermal insulation panels for food storing/processing plants.

Technical Specifications	SKPD 1000
Useful Width (mm)	1000
Sheet Type and Thickness (mm)	Painted Galvanized Sheet (0,50 - 0,60 - 0,70 - 0,80)
Paint Type	Polyester, PVdF, Food Grade
Colour	RAL 9002[a]
Insulation	Polyurethane/PIR
Insulation Thickness (mm) - h	60 - 75 - 80 - 100
Declared Thermal Conductivity (W/MK)[c]	≤ 0,023

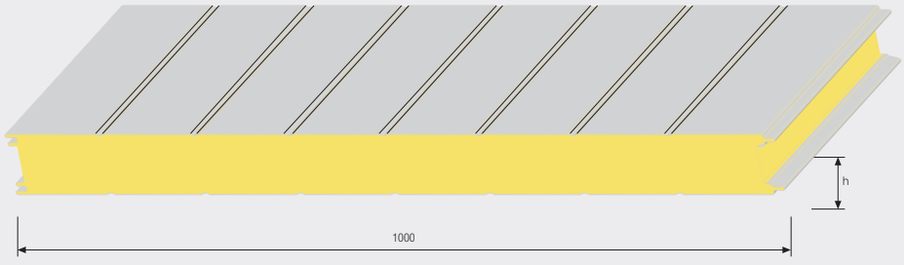
[a]It is the standard colour. Other colours are produced on demand.

1.15 PANEL DETAIL

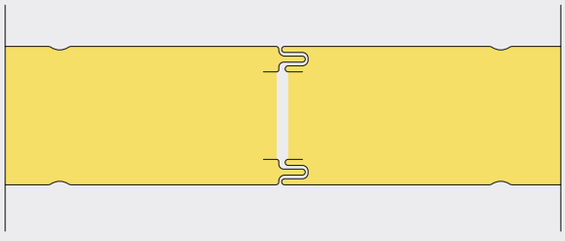
Izocam Tekiz Cold Storage Panels are polyurethane/PIR insulated sandwich panels used for cold storages, cold rooms that food industry needs and for the ceilings and walls of food processing establishments. Cold Storage Panels are strong in terms of their structure but lightweight. They solve the insulation problems of the ceiling and the wall at the same time. These panels are used in vegetable – fruit storages, integrated meat-chicken-turkey processing plants, frozen food plants, abattoirs, dairy farms and supermarkets. Cold Storages Panels provide the desired hygenic conditions for the food industry since they don't hold any bacteria and they can be cleaned conveniently. Nearly smooth surface texture of the panel also helps to keep hygiene.

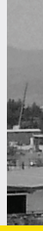
Cold Storage Panels are produced by coil coating technique from polyester, food grade polyester or galvanized sheet painted with PVdf. This painting technique ensures the metal to have a longer life. They don't keep the smell like plastered walls do. They don't hold any bacteria like glazed or ceramic tiles do within their joints. Surface cracks or crushing don't occur.

- The installation starts from the walls. Then it continues with the ceilings. The floors are being installed in the end. After completing installation of the panels according to the principle details, the protective polyethylene foil on the panels should be removed.
- If an insulation is being applied to the floor, in order for cold storage floor to keep the same floor level with other spaces, the cold storage room should be designed as a lowered floor.
- In order to prevent thermal bridges in rooms colder than -5° C, a thin strip of the inner panel sheet next to the floor is removed. This prevents floor structure from freezing and further causing structural damages at shock rooms or frozen storage rooms. These rooms should be ventilated from the floor level or heat resistances should be placed under floor layer.
- The installation lines like electricity, ventilation etc to be passed through ceilings and walls, should be thermally insulated.
- Cold Storage Panel should not be used as an outer wall at the same time. When the outer sheet got warmed insulation may become insufficient.
- In order to provide airtightness, antibacterial (Food Safe) Silicon should be used at the joint of two panels.
- During installation, great care should be taken so that no thermal bridges occur. Thermal bridges cause frost formation and reduces the performance of the freezer.
- When Cold Storages are put into use for the first time, they should be cooled down slowly. In freezing rooms pressure equalizing valves should be used. Otherwise sudden pressure changes occur and that can cause creases on the panel surface.



Panel Joint Detail





2 İZOCAM TEKİZ CORRUGATED SHEET

2.1 GENERAL DEFINITION

-

Izocam Tekiz Corrugated Sheet is a material composed of formed metal surfaces. They can have a curved form. By this means they can be used at the curved surfaces like barrel roofs. Since they offer convenience during shipment and installation, it is possible to have a fast installation.

2.2 AREA OF USE

-

By means of their fast installation they can be used anywhere where the big openings need to be covered. For site-applied insulation systems they can be used as top and bottom coverings. For the buildings that don't require any insulation like storages, porchs they can be used as finish elements. Curved corrugateds are aesthetic and durable building materials which are used in barrel roofs and curved facades. They can also be used as a top floor finish element like a roof ridge.

2.3 PRODUCTION PERIOD

-

Corrugated sheets are produced from galvanized sheet and aluminium. Both faces of corrugated sheets can be painted in all RAL colours in different paint type like polyester and PVdf at coilcoating paint line or according to the purpose of use corrugated sheets can be used as unpainted. Outer surfaces of the painted surfaces are coated with polyethylene folio. By this means they don't get any damage during shipping and installation. Corrugated sheets can be produced with a sheet thickness of 0,50 - 1,50 mm depending on their texture. Curved forming can be between 90°-180° range.

2.4 CORRUGATED SHEETS FOR ROOF

-

Corrugated sheets for roofs are produced for the buildings with no insulation needs and for the site-applied insulation system.

2.5 CORRUGATED SHEETS FOR FACADE

-

Corrugated sheets for facades are produced for the buildings with no insulation needs and for the site-applied insulation system.

2.6 CORRUGATED SHEETS FOR WAVE TYPE FACADES

-

They are aesthetic corrugateds that are chosen to form aesthetic views at the facades. They are applied as one layer or on top of the Cassette system. They are especially preferred for the visual affect provided by their horizontal use and at the facades when an aetshetic view is aimed.

2.7 LP SERİSİ

-

Provides aesthetic view on facades as single layes or composite panel use.

2.8 CASSETTE SYSTEM PROFILE

-

Cassette system profiles are corrugateds that can be used as supporting bottom cover at the roofs and facades for site-applied insulation systems. They are used as horizontal connection elements without the need of any brace between the columns or they are used under the covering material in roof construction without the need of any purlins. By cassette system profile it is possible to cross a span up to 6 m depending on the building height and the structural system.

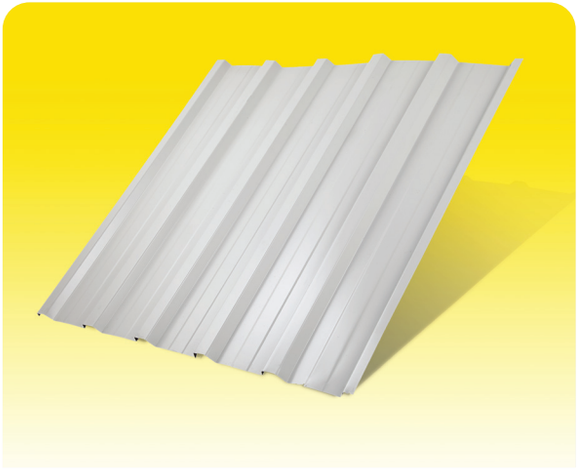
2.9 METAL ROOF TILE

-

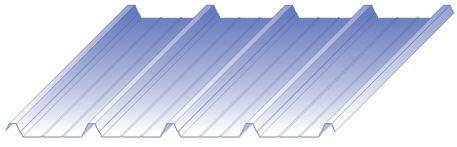
Metal roof tile is an asthetic and longlasting, lightweight roof covering material with its traditional look and colours. It is used for the roofs with minimum slope of 12 %. Its installation is fast and easy with complementary elements of finish profiles and accessories.

2.4 CORRUGATED SHEETS FOR ROOF

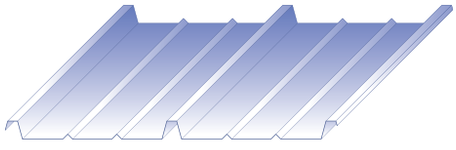
Corrugated sheets for roofs are produced for the buildings with no insulation needs and for the site-applied insulation system.



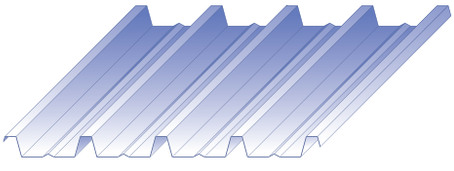
CK 940



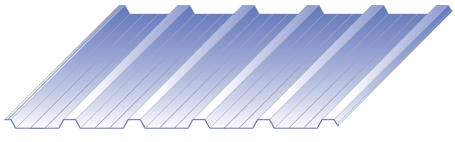
CK 100



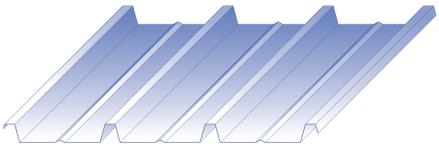
CK 105



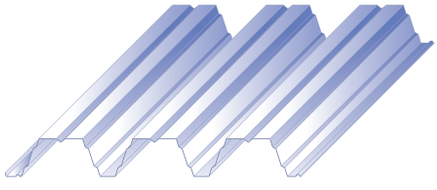
CK 27/200



CK 90



PRO 100

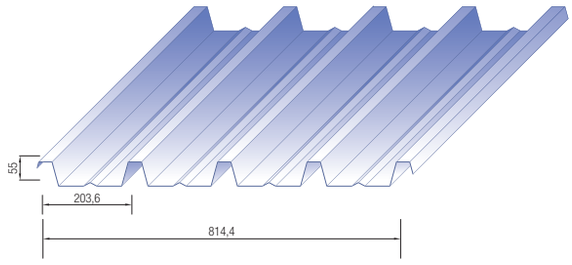


Technical Specifications	CK 105	CK 90	CK 940	CK 100	CK 27/200	PRO 100
Useful Width (mm)	814	900	940	972	1000	780
Rib Height (mm)	55	55	40	55	27	100
Thickness (mm) Galvanized Painted Sheet	0,50 - 1,20	0,50 - 1,20	0,50 - 0,80	0,50 - 1,20	0,50 - 1.20	1,00 - 1,50
Paint Type	Polyester, PVdF					Bare
Colour	RAL9002[a]					Galvanized

[a]It is the standard colour. Other colours are produced on demand.

2.4 CORRUGATED SHEETS FOR ROOF DETAILS

CK 105

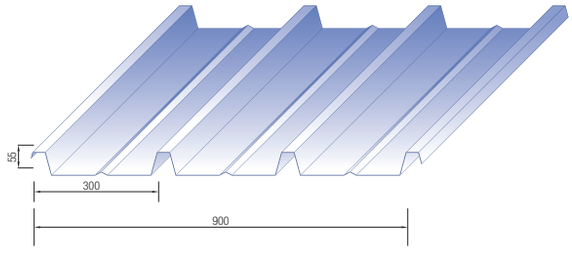


Load Table

CK 105		Multi Support Span (L/200 L=m)						
Sheet Thickness (mm)	Corrugated Weight (kg/m²)	1,0	1,5	2,0	2,5	3,0	3,5	4,0
		Distributed Load Bearing (P=kg/m²)						
0,5	5,88	1132	503	283	181	126	92	65
0,6	7,05	1381	614	345	221	153	113	82
0,7	8,23	1632	725	408	261	181	133	98
0,8	9,41	1886	838	471	302	210	154	118
0,9	10,58	2138	950	535	342	238	175	134
1,0	11,76	2391	1063	598	383	266	195	149
1,2	14,11	2870	1276	718	459	319	234	179

Load bearing values are given according to the galvanized sheet. Panel weights may vary within sheet thickness tolerances.

CK 90

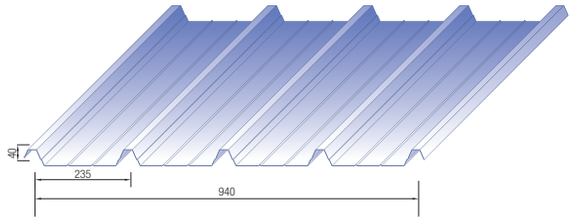


Load Table

CK 90		Multi Support Span (L/200 L=m)						
Sheet Thickness (mm)	Corrugated Weight (kg/m²)	1,0	1,5	2,0	2,5	3,0	3,5	4,0
		Distributed Load Bearing (P=kg/m²)						
0,5	5,32	813	361	203	130	90	66	47
0,6	6,38	995	442	249	159	111	81	59
0,7	7,75	1179	524	295	189	131	96	71
0,8	8,51	1366	607	342	219	152	112	84
0,9	9,58	1556	691	389	249	173	127	97
1,0	10,64	1745	775	436	279	194	142	109
1,2	12,77	2125	944	531	340	236	173	133

Load bearing values are given according to the galvanized sheet. Panel weights may vary within sheet thickness tolerances.

CK 940

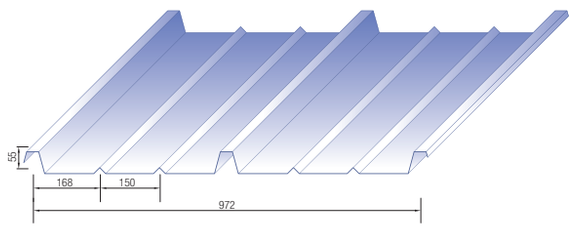


Load Table

CK 940		Multi Support Span (L/200 L=m)						
Sheet Thickness (mm)	Corrugated Weight (kg/m²)	1,0	1,5	2,0	2,5	3,0	3,5	4,0
		Distributed Load Bearing (P=kg/m²)						
0,5	5,09	568	253	142	91	62	39	26
0,6	6,11	694	308	173	111	77	49	33
0,7	7,13	819	364	205	131	91	64	43
0,8	8,15	944	420	236	151	105	73	49

Load bearing values are given according to the galvanized sheet. Panel weights may vary within sheet thickness tolerances.

2.4 CORRUGATED SHEETS FOR ROOF DETAILS

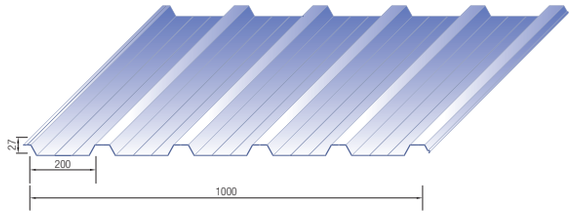


CK 100

Load Table

CK 100		Multi Support Span (L/200 L=m)						
Sheet Thickness (mm)	Corrugated Weight (kg/m²)	1,0	1,5	2,0	2,5	3,0	3,5	4,0
		Distributed Load Bearing (P=kg/m²)						
0,5	4,79	585	260	146	94	65	48	36
0,6	5,75	713	317	178	114	79	58	45
0,7	6,70	844	375	211	135	94	69	53
0,8	7,66	975	433	244	156	108	80	61
0,9	8,62	1107	492	277	177	123	90	69
1,0	9,58	1240	551	310	198	138	101	77
1,2	11,49	1505	669	376	241	167	123	94

Load bearing values are given according to the galvanized sheet. Panel weights may vary within sheet thickness tolerances.

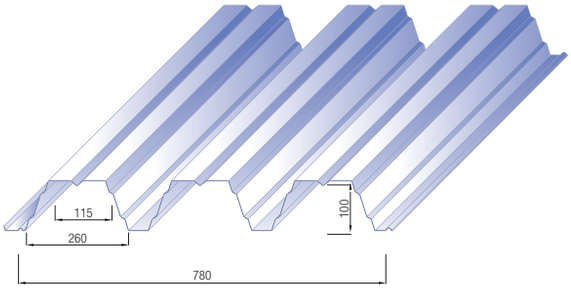


CK 27/200

Load Table

CK 27/200		Multi Support Span (L/200 L=m)						
Sheet Thickness (mm)	Corrugated Weight (kg/m²)	1,0	1,5	2,0	2,5	3,0	3,5	4,0
		Distributed Load Bearing (P=kg/m²)						
0,5	4,91	512	228	114	58	34	21	14
0,6	5,89	622	276	155	80	46	29	20
0,7	6,87	730	325	183	97	56	35	24
0,8	7,85	835	371	209	111	64	40	27

Load bearing values are given according to the galvanized sheet. Panel weights may vary within sheet thickness tolerances.



PRO 100

Load Table

PRO 100		Multi Support Span (L/200 L=m)						
Sheet Thickness (mm)	Corrugated Weight (kg/m²)	1,0	1,5	2,0	2,5	3,0	3,5	4,0
		Distributed Load Bearing (P=kg/m²)						
1,0	12,77	452	332	255	201	163	135	113
1,2	15,32	543	399	305	241	195	162	136
1,5	19,50	679	499	382	302	244	202	170

Load bearing values are given according to the galvanized sheet. Panel weights may vary within sheet thickness tolerances.

No permission to fire on the roof!

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has B_{ROOF}(t2) Certification

Tekiz Roof Panel SPÇ Fibro (PIR) with high fire resistance is rightfully awarded with B_{ROOF}(t2) Certification. We continue to work and to innovate for better and safer solutions...

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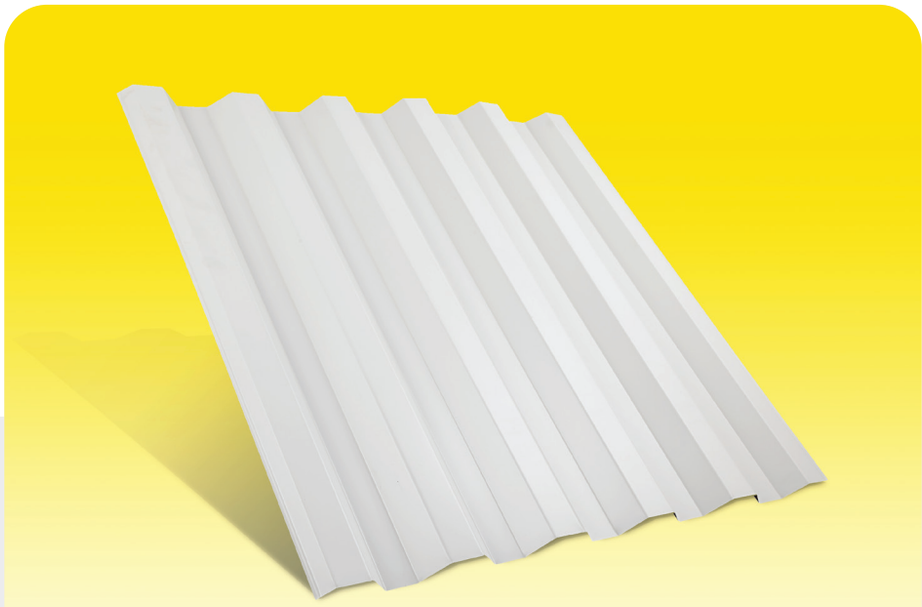
/izocamofficial

İZOCAM TEKİZ

2.5 CORRUGATED SHEETS FOR FACADE

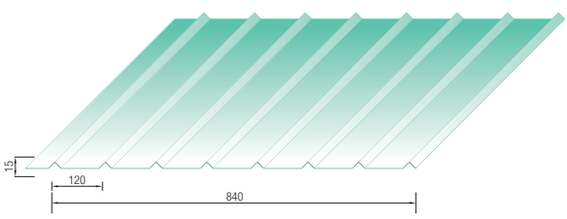
Corrugated sheets for facades are produced for the buildings with no insulation needs and for the site-applied insulation system.



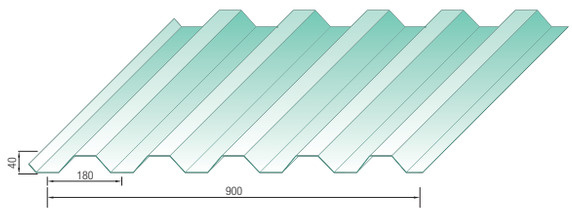
Technical Specifications	DK 90 Wall - Roof	DK 99 Wall	DK 15 Inner Parapet Coating
Useful Width (mm)	900	990	840
Rib Height (mm)	40	29	15
Sheet Type and Thickness (mm)	Galvanized Painted Sheet (0,50 - 1,20)		0,50 - 0,60
Paint Type	Polyester, PVdF		
Colour	RAL9002[a]		

[a]It is the standard colour. Other colours are produced on demand.

DK 15



2.5 CORRUGATED SHEETS FOR FACADE DETAILS

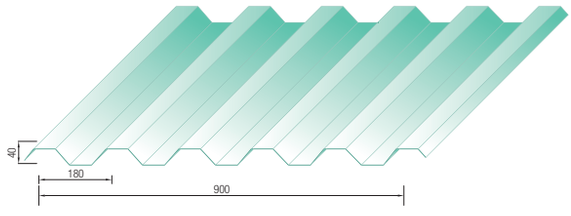


DK 90 - Wall

Load Table

DK 90 - Wall		Multi Support Span (L/200 L=m)						
Sheet Thickness (mm)	Corrugated Weight (kg/m²)	1,0	1,5	2,0	2,5	3,0	3,5	4,0
		Distributed Load Bearing (P=kg/m²)						
0,5	5,17	784	348	196	110	63	40	27
0,6	6,21	1010	449	253	144	84	53	35
0,7	7,24	1255	558	314	182	105	66	44
0,8	8,28	1514	673	379	222	128	81	54
0,9	9,31	1787	794	447	263	152	96	64
1,0	10,35	2055	914	514	306	177	112	75
1,2	12,42	2504	1113	626	372	215	136	91

Load bearing values are given according to the galvanized sheet. Panel weights may vary within sheet thickness tolerances.

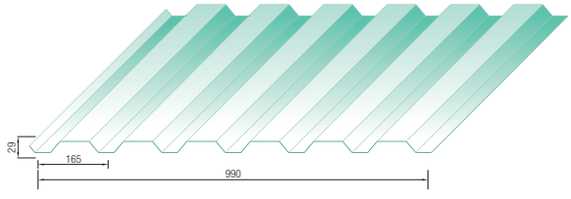


DK 90 - Roof

Load Table

DK 90		Multi Support Span (L/200 L=m)						
Sheet Thickness (mm)	Corrugated Weight (kg/m²)	1,0	1,5	2,0	2,5	3,0	3,5	4,0
		Distributed Load Bearing (P=kg/m²)						
0,5	5,32	737	328	184	118	70	44	30
0,6	6,38	946	420	236	151	92	58	39
0,7	7,45	1170	520	293	187	116	73	49
0,8	8,51	1408	626	352	225	141	89	59
0,9	9,58	1659	737	415	265	167	105	70
1,0	10,64	1919	853	480	307	192	121	81
1,2	12,77	2462	1094	615	394	234	147	99

Load bearing values are given according to the galvanized sheet. Panel weights may vary within sheet thickness tolerances.



DK 99 - Wall

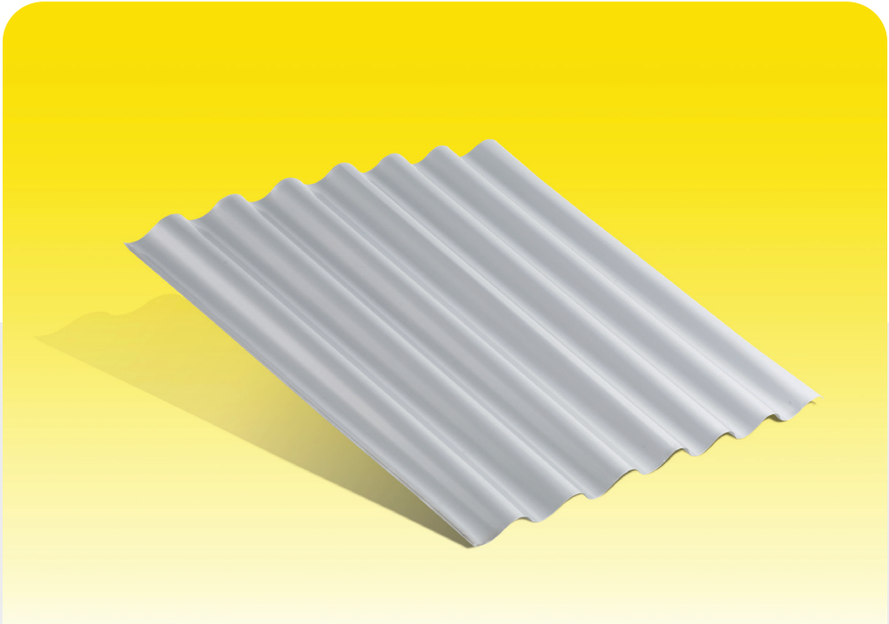
Load Table

DK 99		Multi Support Span (L/200 L=m)						
Sheet Thickness (mm)	Corrugated Weight (kg/m²)	1,0	1,5	2,0	2,5	3,0	3,5	4,0
		Distributed Load Bearing (P=kg/m²)						
0,5	4,84	478	213	104	53	31	19	13
0,6	5,80	626	278	137	70	41	26	17
0,7	6,77	788	350	174	89	52	32	22
0,8	7,74	965	429	210	108	62	39	26
0,9	8,71	1153	513	245	125	73	46	31
1,0	9,67	1330	591	281	144	83	52	35
1,2	11,61	1628	723	353	181	105	66	44

Load bearing values are given according to the galvanized sheet. Panel weights may vary within sheet thickness tolerances.

2.6 CORRUGATED SHEETS FOR WAVE TYPE FACADES

They are aesthetic corrugateds that are chosen to form aesthetic views at the facades. They are applied as one layer or on top of the Cassette system. They are especially preferred for the visual affect provided by their horizontal use and at the facades when an aetshetic view is aimed.

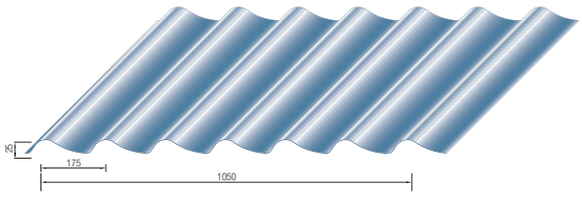


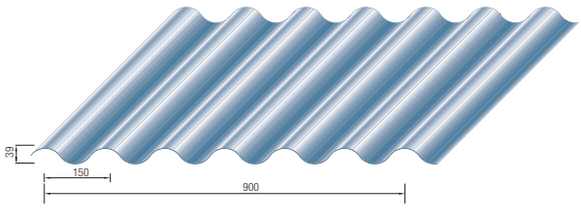
Technical Specifications	OK 90	ASD 105
Useful Width (mm)	900	1050
Rib Height (mm)	39	25
Sheet Type and Thickness (mm)	Galvanized Painted Sheet (0,70 - 1,00)	
Paint Type	Polyester, PVdF	
Colour	RAL9002[a]	

[a]It is the standard colour. Other colours are produced on demand.

Profile Details

ASD 105

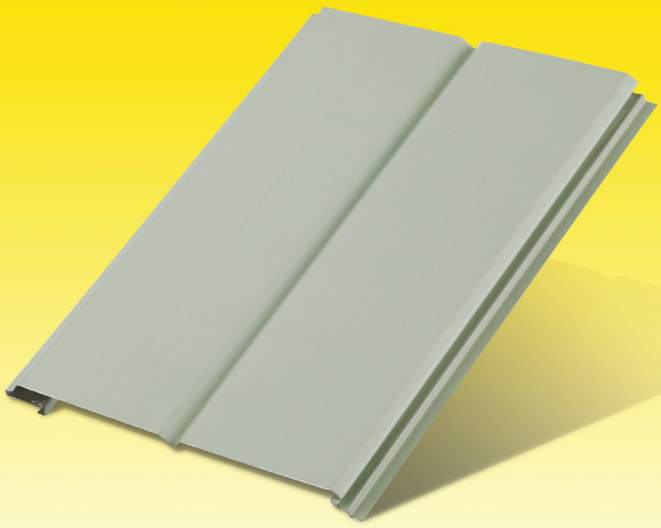




OK 90

2.7 LP SERIES

Corrugated sheets for roofs are produced for the buildings with no insulation needs and for the site-applied insulation system.

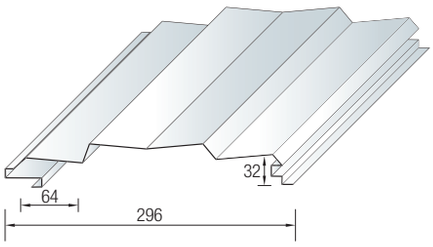


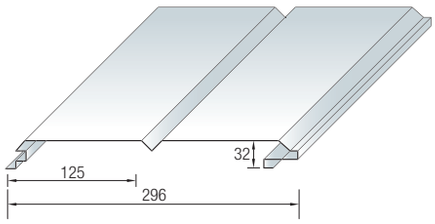
Technical Specifications	LP 102	LP 202
Useful Width (mm)	296	296
Sheet Type and Thickness (mm)	Galvanized Painted Sheet (0,60 - 0,80)	
Paint Type	Polyester, PVdF	
Colour	RAL9002[a]	

[a]It is the standard colour. Other colours are produced on demand.

Profile Details

LP 102

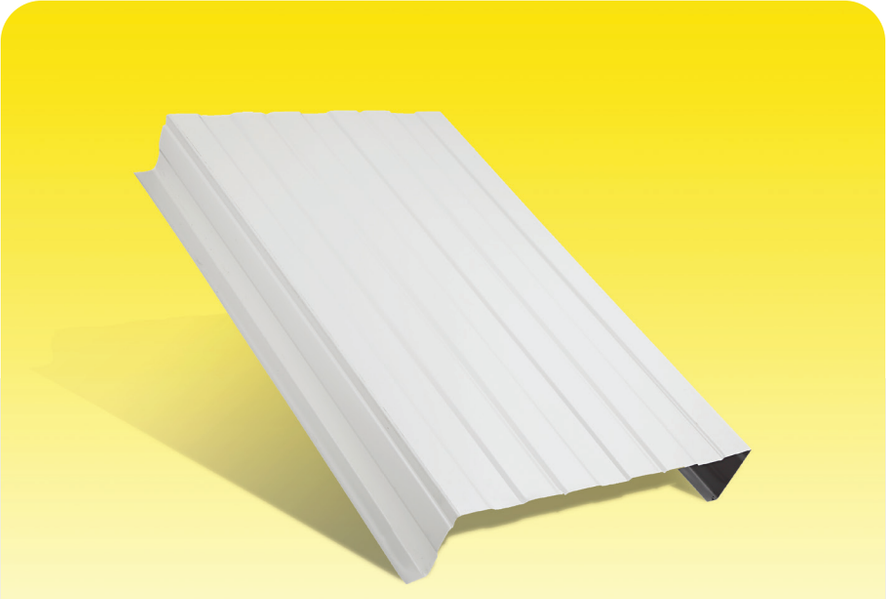




LP 202

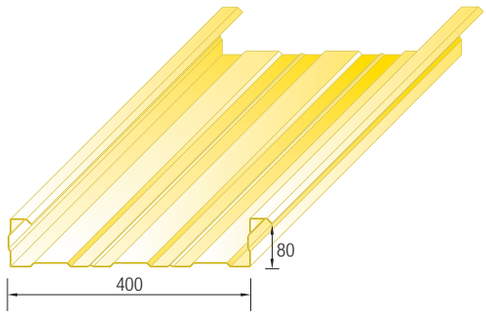
2.8 CASSETTE SYSTEM PROFILE

Cassette system profiles are corrugateds that can be used as supporting bottom cover at the roofs and facades for site-applied insulation systems. They are used as horizontal connection elements without the need of any brace between the columns or they are used under the covering material in roof construction without the need of any purlins.



Technical Specifications	DK 60	DK 40
Useful Width (mm)	600	400
Rib Height (mm)	100-120-140	80
Sheet Type and Thickness (mm)	Galvanized Painted Sheet (0,80 - 1,20)	Galvanized Painted Sheet (0,70 - 1,20)
Paint Type	Polyester, PVdF	Polyester, PVdF
Colour	RAL9002[a]	

[a]It is the standard colour. Other colours are produced on demand.



DK 40-8 Profile Detail

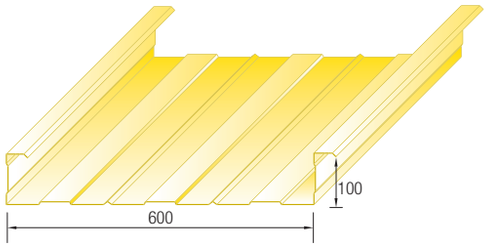
Load Table

DK 40-8		Multi Support Span (L/200 L=m)						
Sheet Thickness (mm)	Corrugated Weight (kg/m²)	3,0	3,5	4,0	4,5	5,0	5,5	6,0
		Distributed Load Bearing (P=kg/m²)						
0,7	8,66	240	176	135	106	86	71	60
0,8	9,9	274	201	154	122	99	81	68
0,9	11,13	308	226	173	137	111	92	77
1,0	12,37	342	251	192	152	123	102	86
1,2	14,84	411	302	231	182	148	122	103

Load bearing values are given according to the galvanized sheet. Panel weights may vary within sheet thickness tolerances.

2.8 CASSETTE SYSTEM PROFILE DETAILS

DK 60-10 Profile Detail

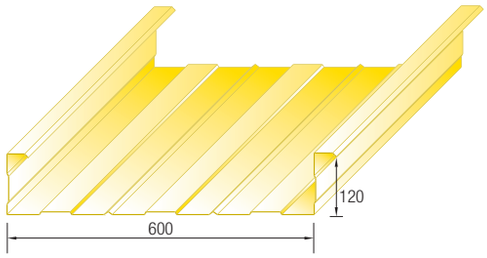


Load Table

DK 60-10		Multi Support Span (L/200 L=m)						
Sheet Thickness (mm)	Corrugated Weight (kg/m²)	3,0	3,5	4,0	4,5	5,0	5,5	6,0
		Distributed Load Bearing (P=kg/m²)						
0,8	9,63	278	204	156	124	100	83	70
0,9	10,83	314	231	177	140	113	94	79
1,0	12,04	349	257	196	155	126	104	87
1,2	14,44	419	308	236	186	151	125	105

Load bearing values are given according to the galvanized sheet. Panel weights may vary within sheet thickness tolerances.

DK 60-12 Profile Detail

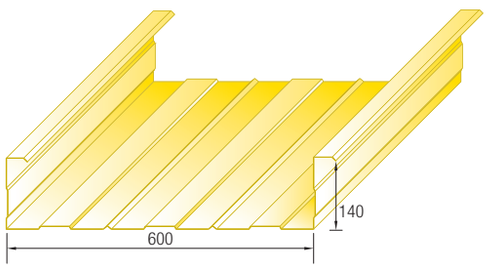


Load Table

DK 60-12		Multi Support Span (L/200 L=m)						
Sheet Thickness (mm)	Corrugated Weight (kg/m²)	3,0	3,5	4,0	4,5	5,0	5,5	6,0
		Distributed Load Bearing (P=kg/m²)						
0,8	10,05	356	262	200	158	128	106	89
0,9	11,31	403	296	227	179	145	120	101
1,0	12,57	448	329	252	199	161	133	112
1,2	15,08	537	395	302	239	193	160	134

Load bearing values are given according to the galvanized sheet. Panel weights may vary within sheet thickness tolerances.

DK 60-14 Profile Detail



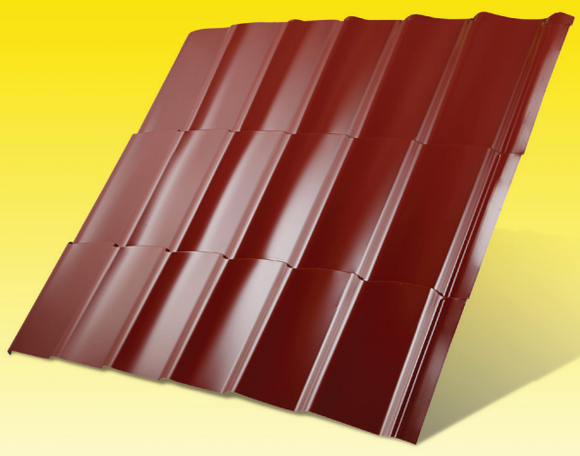
Load Table

DK 60-14		Multi Support Span (L/200 L=m)						
Sheet Thickness (mm)	Corrugated Weight (kg/m²)	3,0	3,5	4,0	4,5	5,0	5,5	6,0
		Distributed Load Bearing (P=kg/m²)						
0,8	10,48	443	325	249	197	159	132	111
0,9	11,79	500	368	282	222	180	149	125
1,0	13,10	556	409	313	247	200	165	139
1,2	15,72	667	490	375	297	240	199	167

Load bearing values are given according to the galvanized sheet. Panel weights may vary within sheet thickness tolerances.

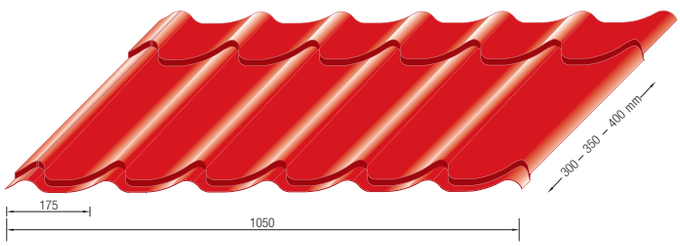
2.9 METAL ROOF TILE

Metal roof tile is an asthetic and longlasting, lightweight roof covering material with its traditional look and colours. It is used for the roofs with minimum slope of 12 %. Its installation is fast and easy with complementary elements of finish profiles and accessories.



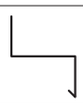
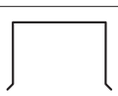
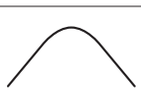
Technical Specifications	Metal Roof Tile
Useful Width (mm)	1050
Length - Minimum (mm)	1050,1200,1350
Sheet Type and Thickness (mm)	Galvanized Painted Sheet (0,50 - 0,60)
Paint Type	Polyester, PVdF
Colour	RAL Colours

Profile Details

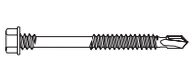
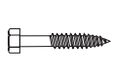


2.10 ACCESSORIES

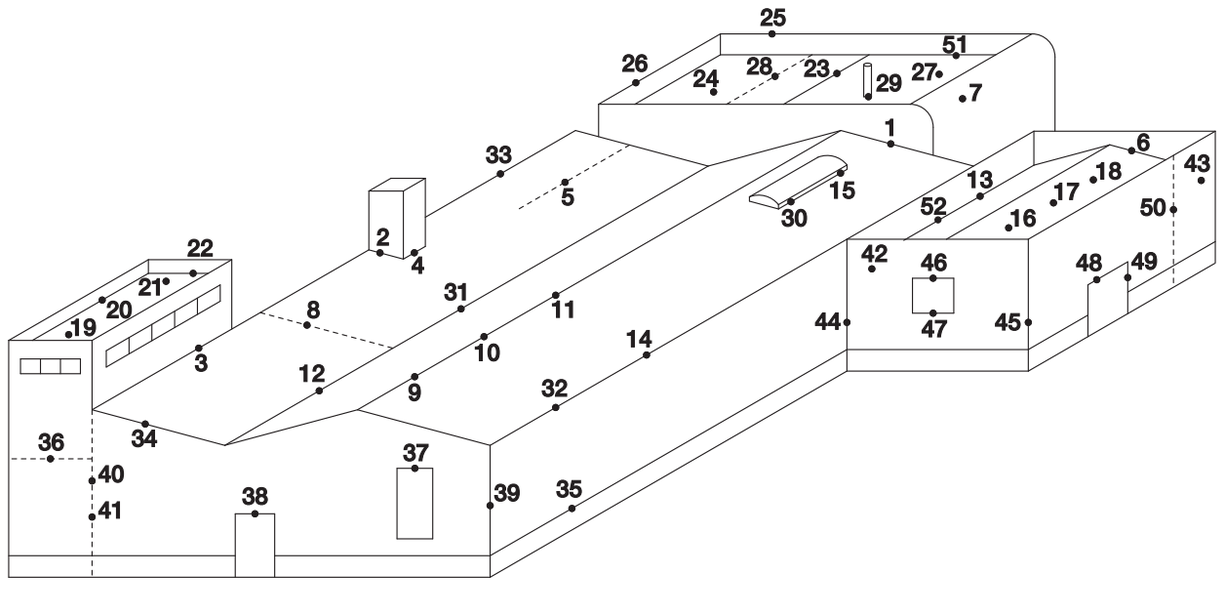
Aesthetic finish elements for Izocam Tekiz Roof – Facade Systems

Accessories	Name	Thickness (mm)	Expansion (mm)	Length (m)	Colour
	Top ridge	0,60	600	Maximum 4 m.	RAL Colours
	Bottom ridge	0,40	400		
	Drip	1,00	250		
	Outer Corner Sheet	0,60	400		
	Inner Corner Sheet	0,50	300		
	Gutter Flashing Sheet	0,50	250		
	Coping	1,00	600-1000		
	Half ridge	0,60	600		
	Gable wall	0,60	600		
	Radius ridge	0,50 0,60 0,70	1200		

SCREWS

					
Screw Type	Corrugated screw	Puller screw	Collar screw	Panel screw	Betofas
Screw Diameter (mm)	4,8 - 5,5 - 6,3	4,8	5,5		6,3
Screw length (mm)	19 - 100	20	25 - 36	65 - 140	45 - 145
Drilling capacity (mm)	5 - 12	2	5 - 12		-

3 İZOCAM TEKİZ ROOF AND FACADE DETAILS



Key Sheet

• Numbers on the drawing indicates detail numbers.

3.1 ROOF FACADE CONNECTION DETAIL

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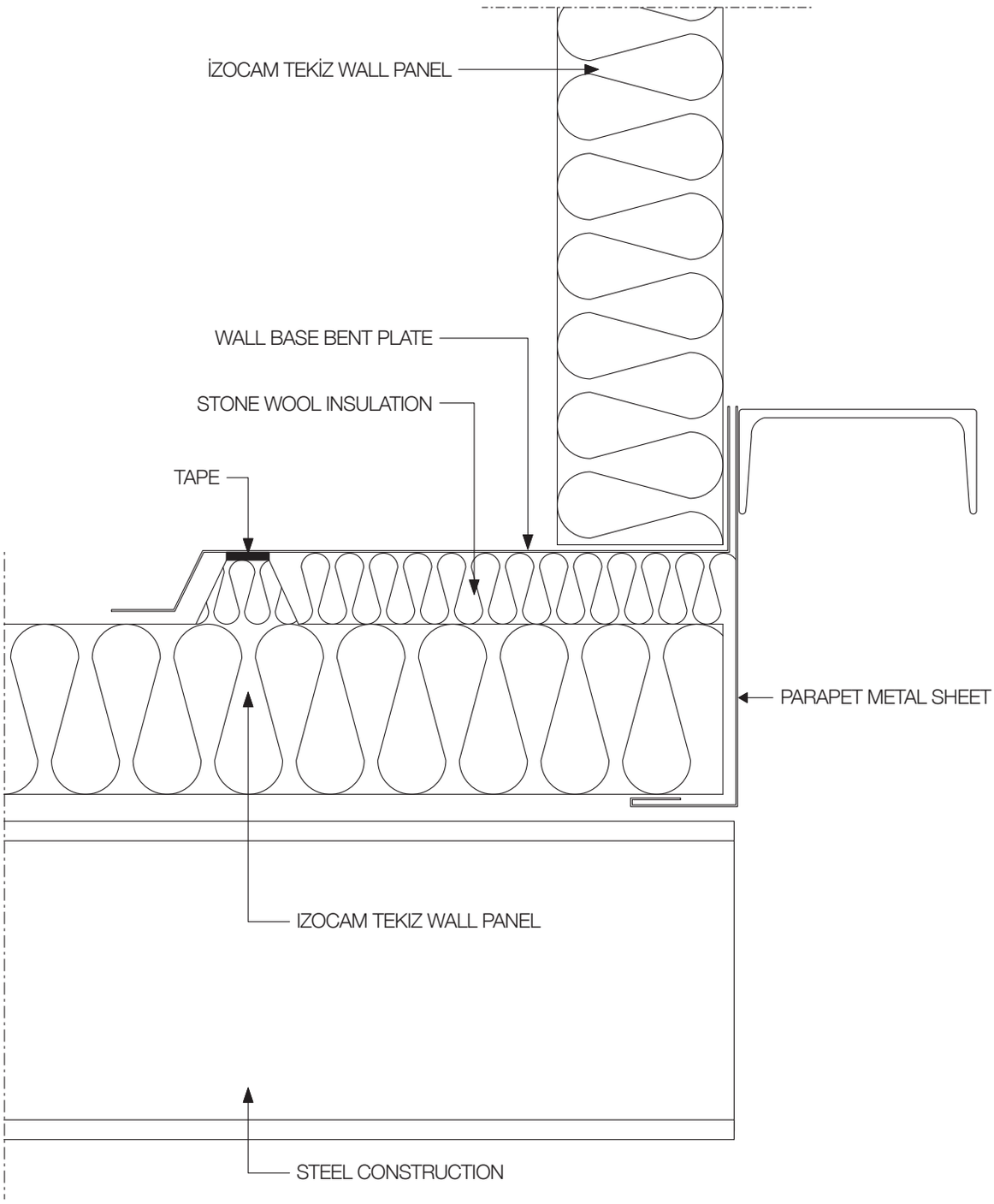
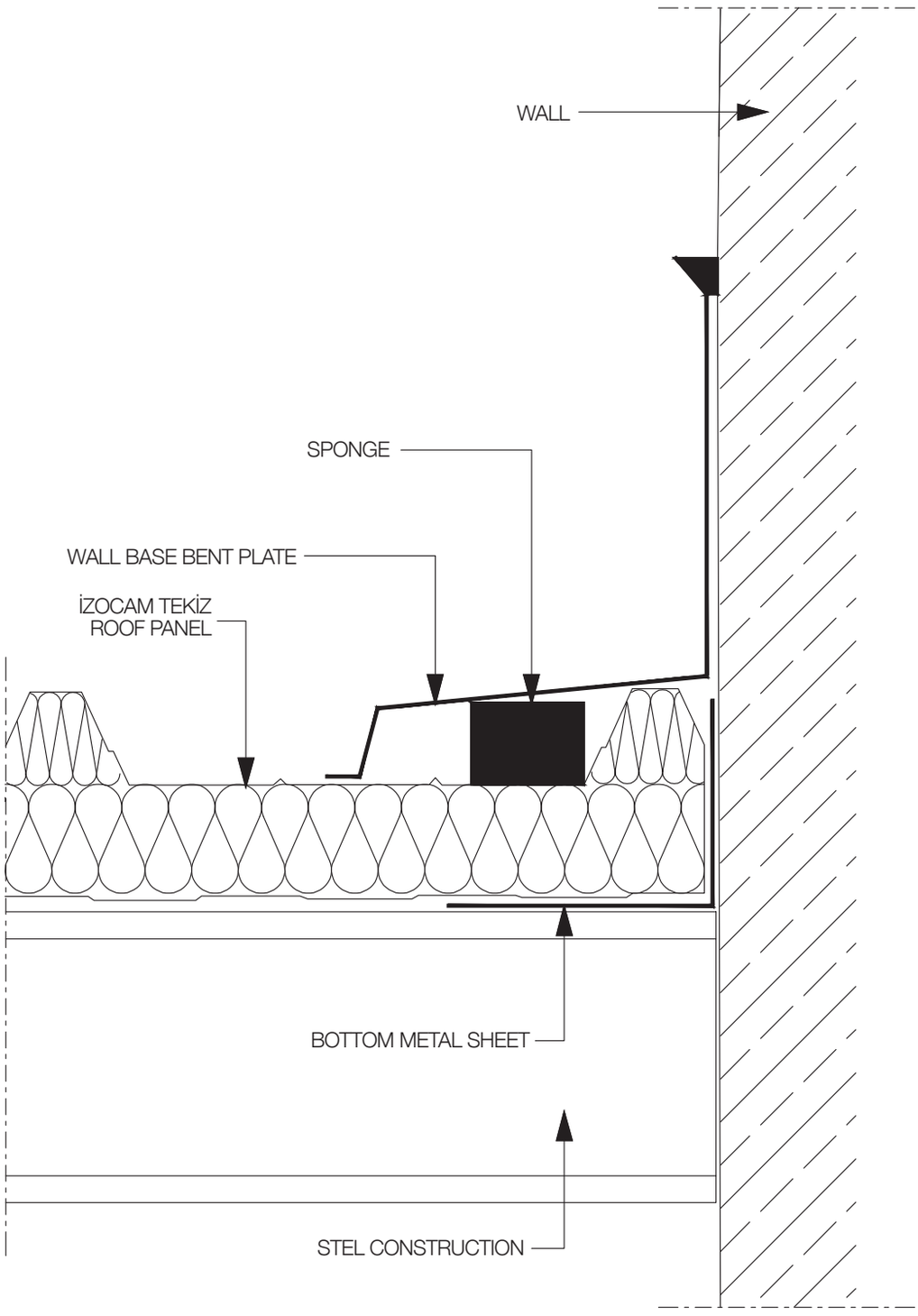


Detail No 1

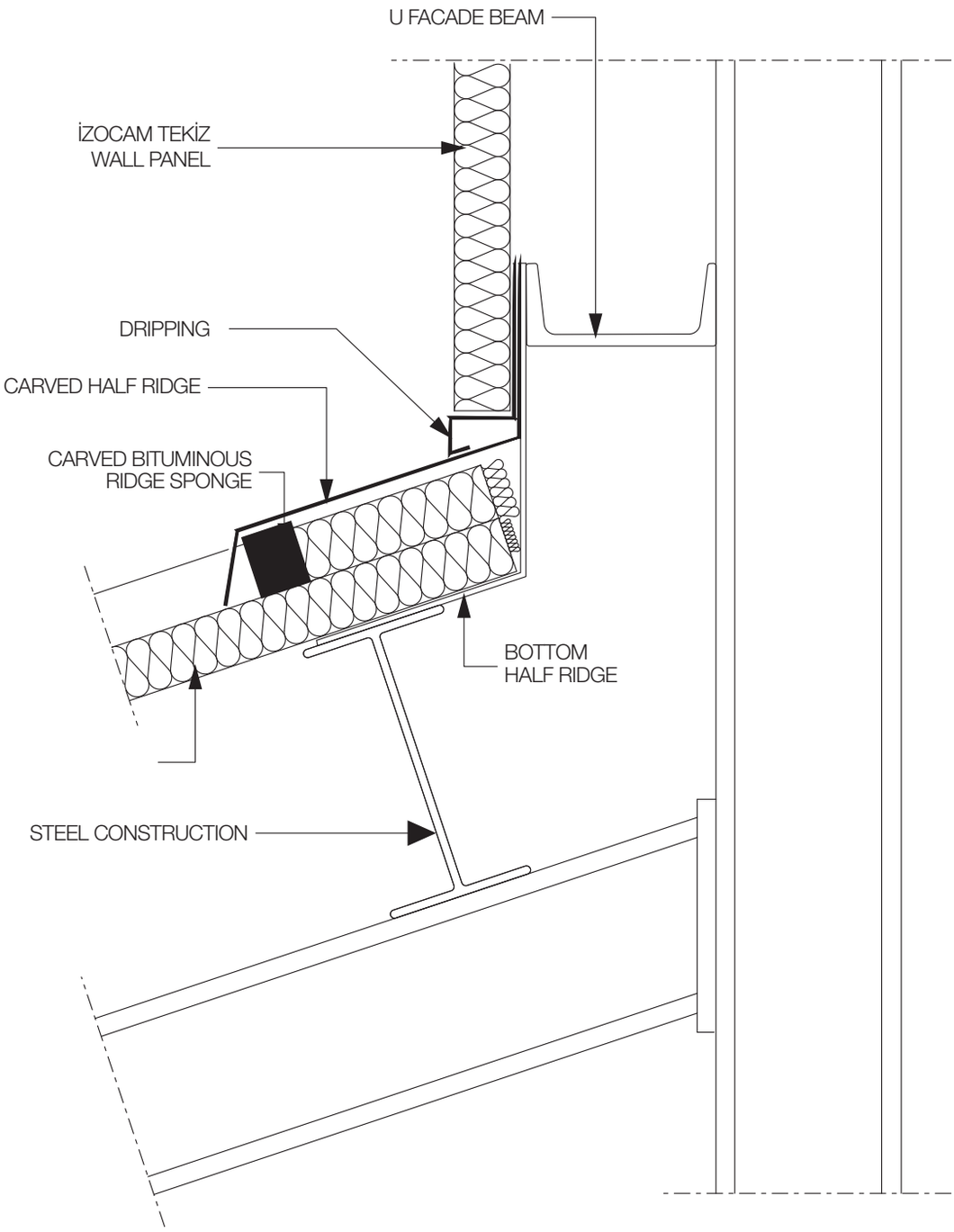
- Constructions used in the details are advisory. Each project should be assessed and controlled based on its own conditions.
- Izocam have right to discontinue the production of any material or add new product to its product range without any notice.
- Please consult İzocam for technical specifications of the insulation materials that are used in details.
- Non-scaled

3.2 ROOF-REINFORCED CONCRETE FACADE CONNECTION DETAIL



Detail No
2

3.3 ROOF- FACADE HALF RIDGE CONNECTION DETAIL



Detail No 3

- Constructions used in the details are advisory. Each project should be assessed and controlled based on its own conditions.
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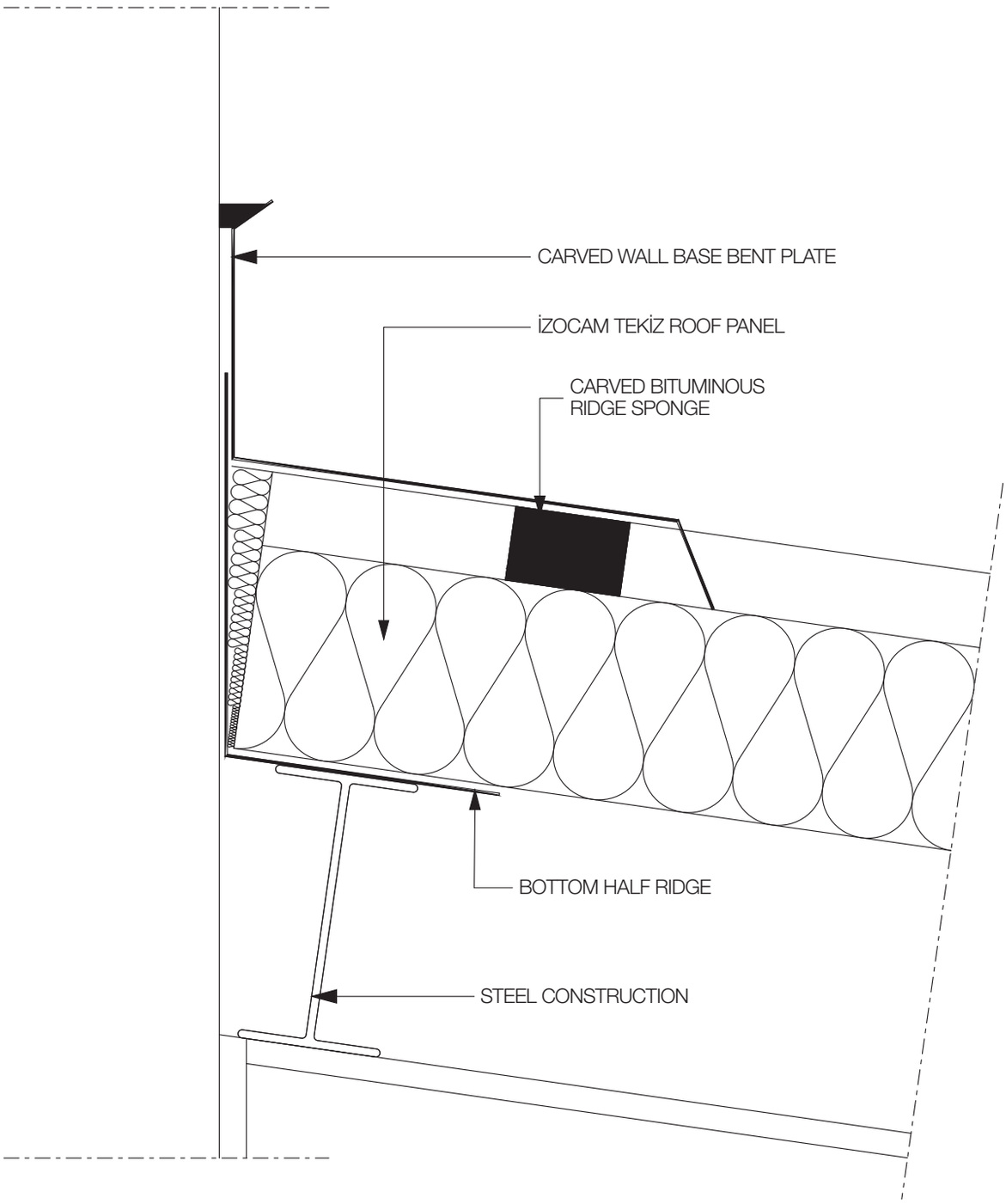
- Non-scaled

3.4 HALF RIDGE CONNECTION DETAIL



Detail No
4

3.5 ROOF- PANEL CONNECTION DETAIL

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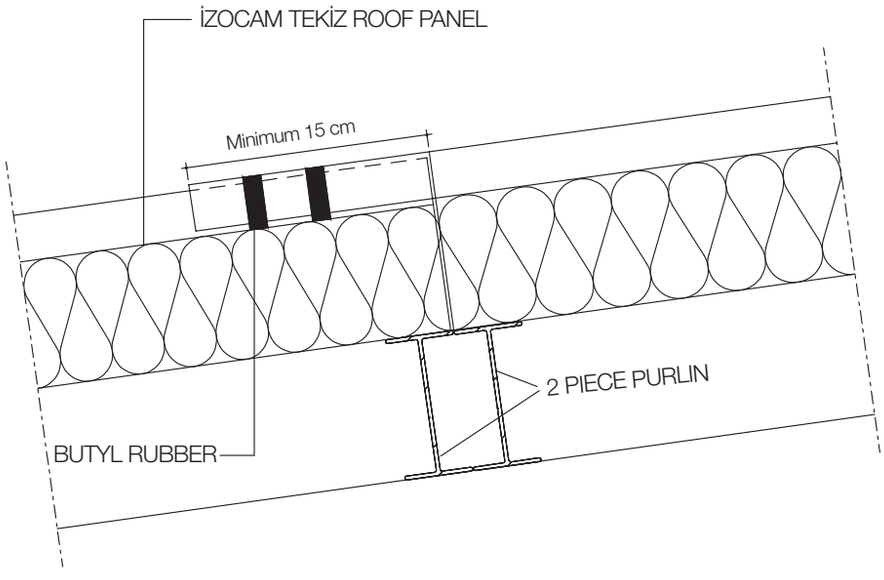

Detail No 5

- Constructions used in the details are advisory. Each project should be assessed and controlled based on its own conditions.
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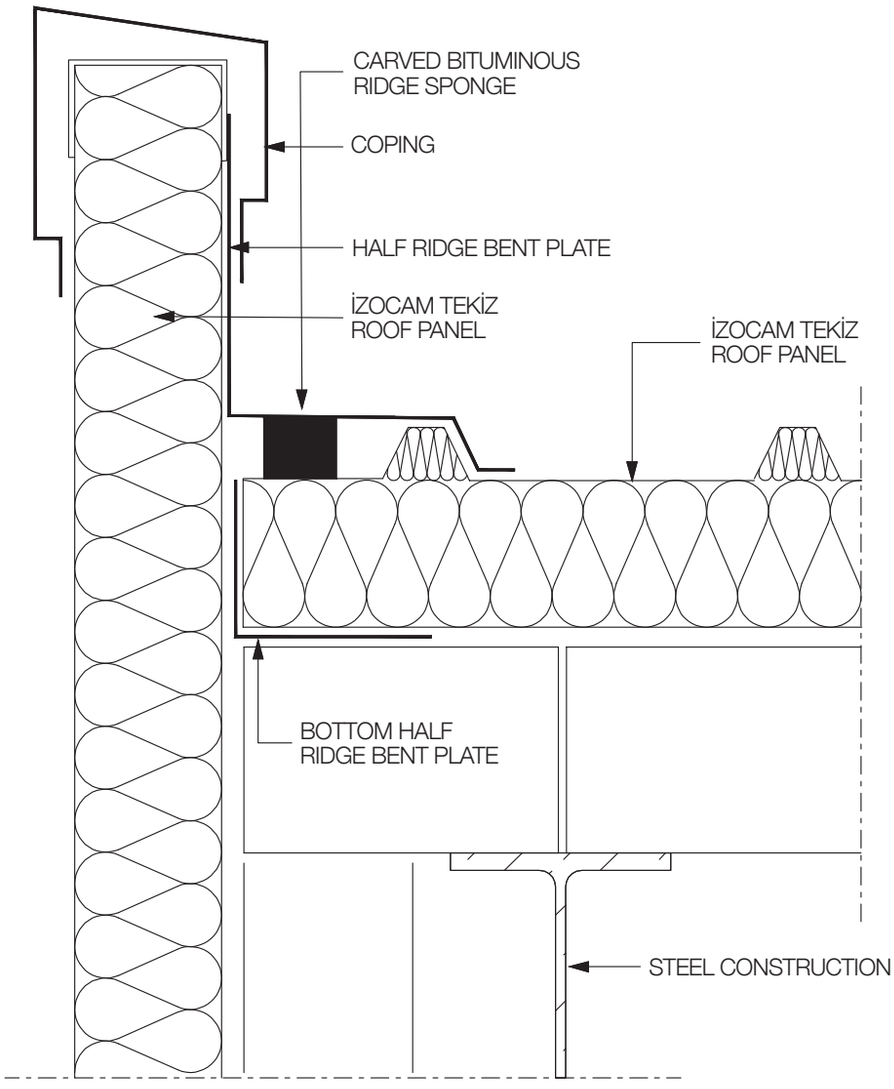
- Non-scaled

3.6 PARAPET WALL DETAIL



Detail No
6

3.7 RADIUS CORRUGATED SHEET DETAIL

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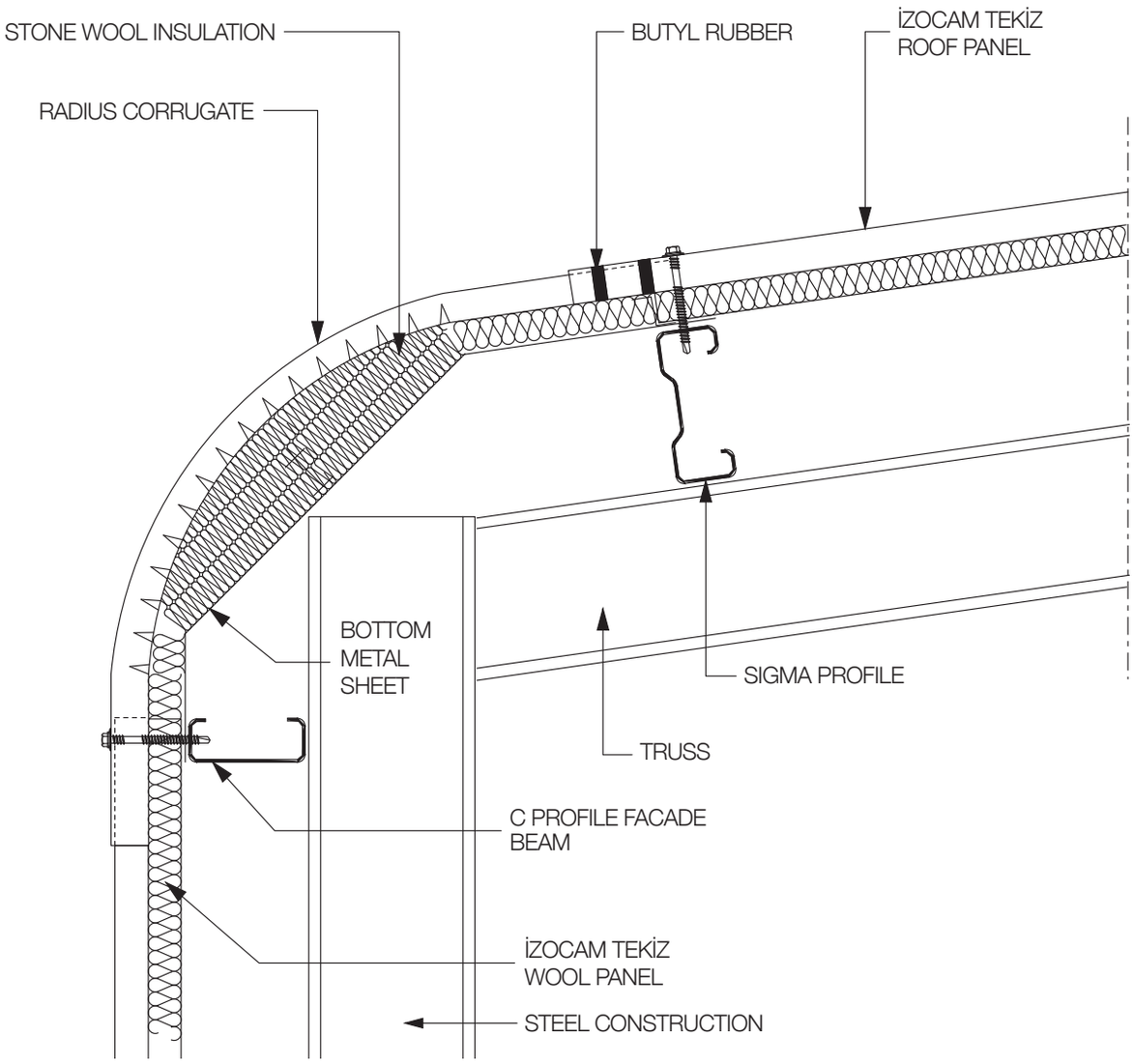

Detail No 7

- Constructions used in the details are advisory. Each project should be assessed and controlled based on its own conditions.
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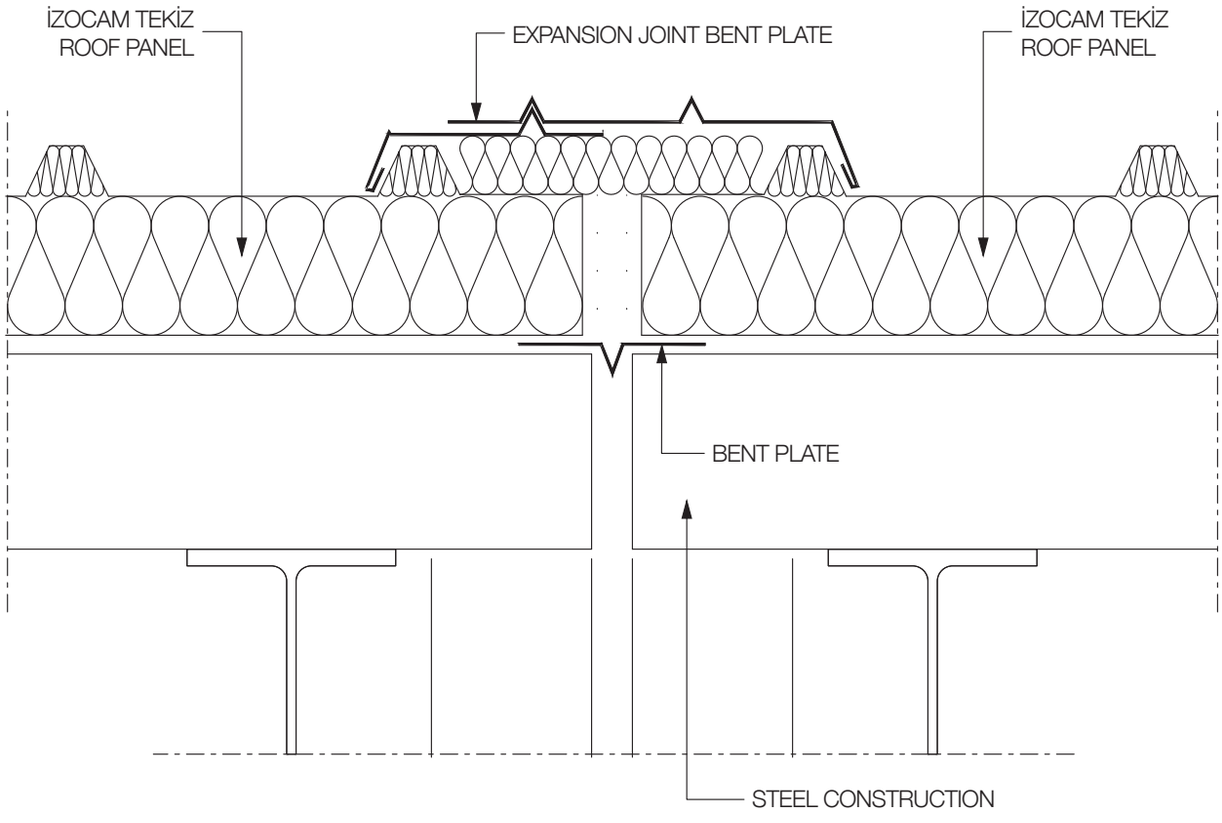
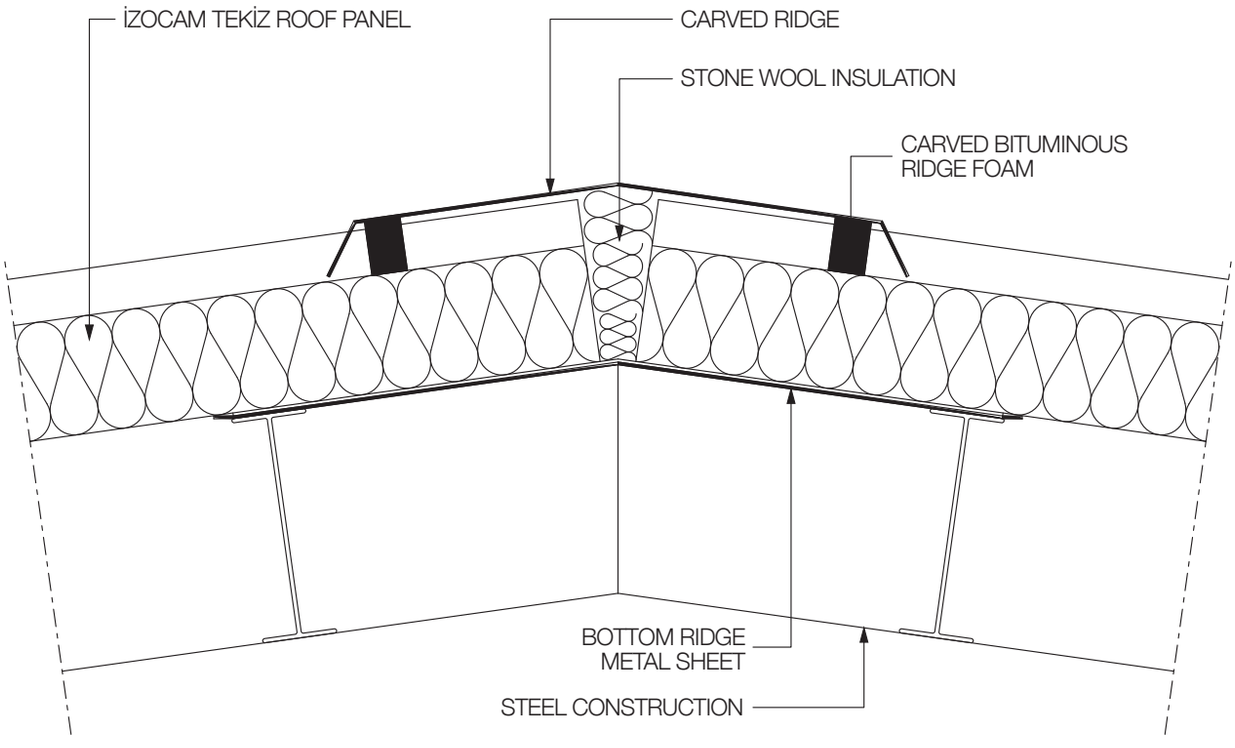
- Non-scaled

3.8 ROOF EXPANSION JOINT DETAIL



Detail No
8

3.9 CARVED RIDGE DETAIL



Detail No 9

- Constructions used in the details are advisory. Each project should be assessed and controlled based on its own conditions.
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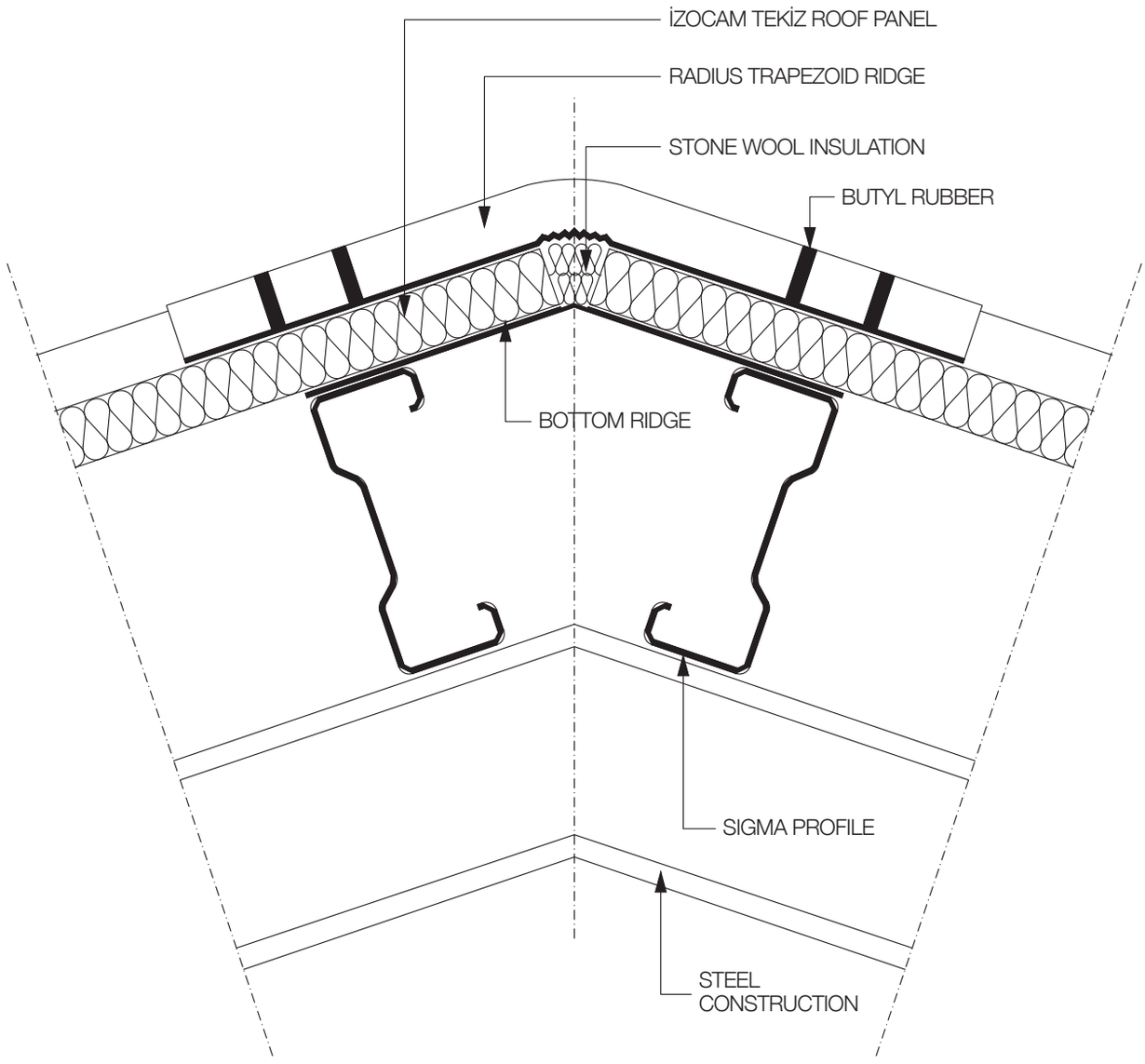
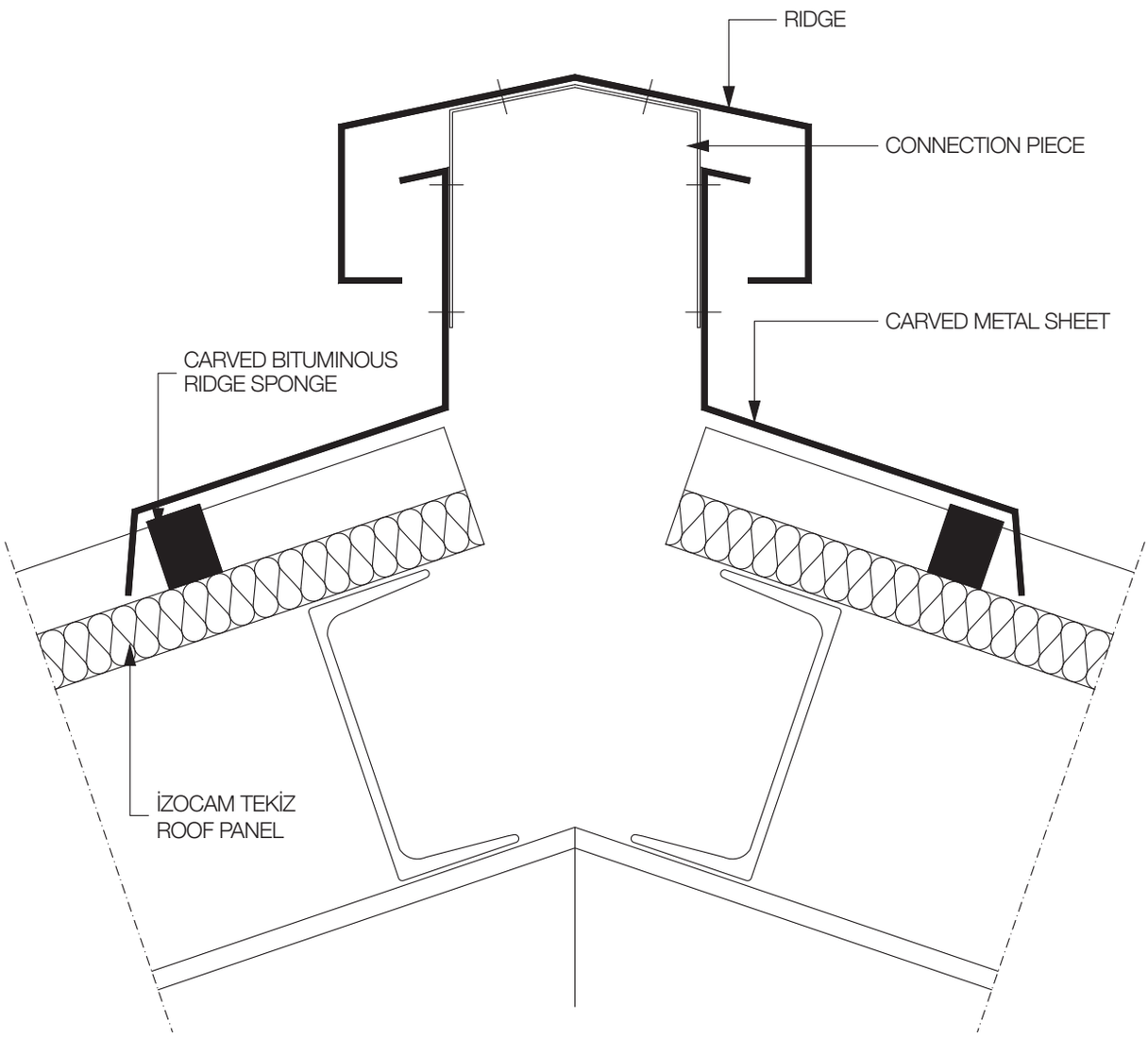
- Please consult İzocam for technical specifications of the insulation materials that are used in details.
- Non-scaled

3.10 RADIUS RIDGE DETAIL



Detail No
10

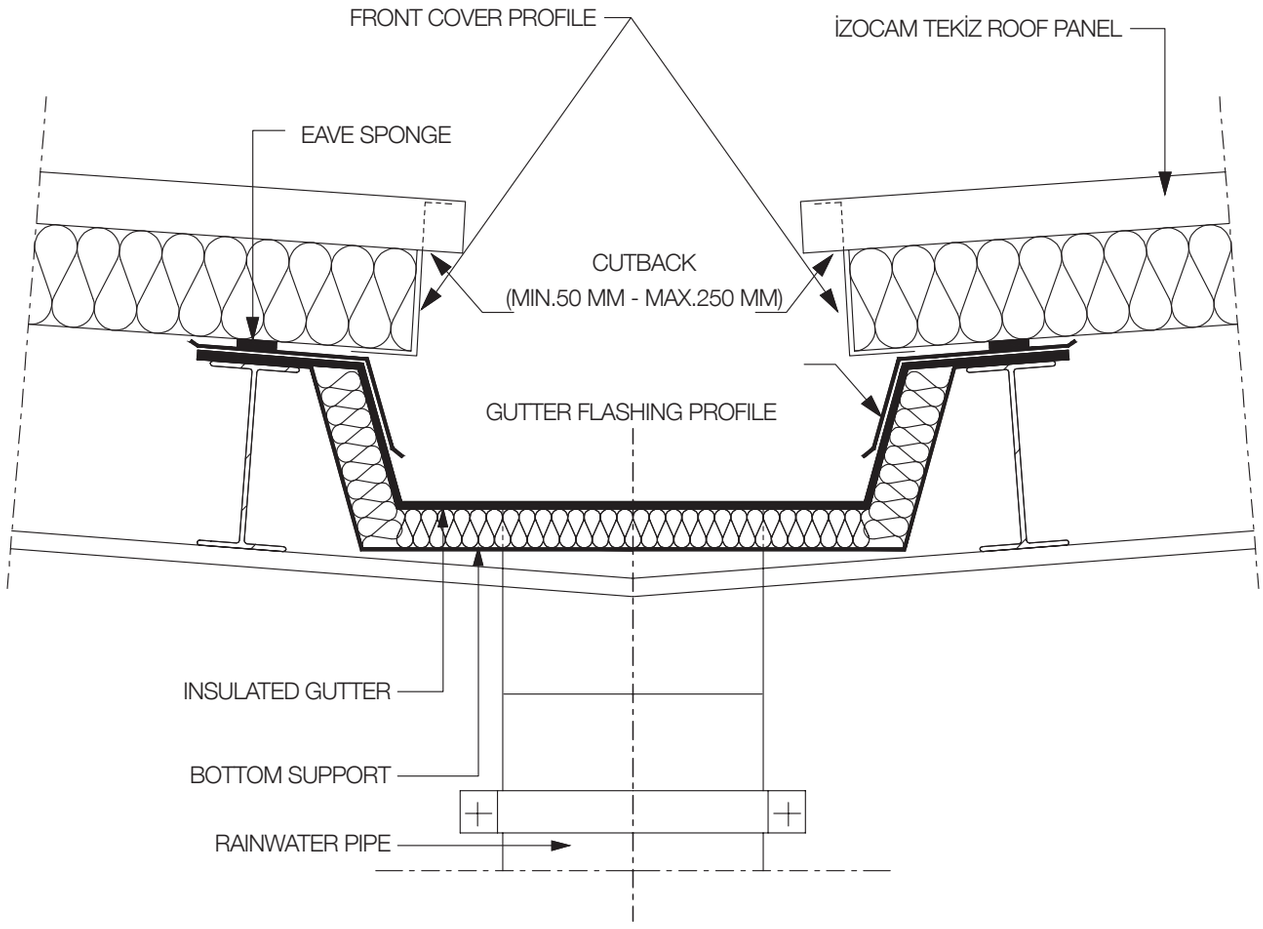
3.11 VENTILATED RIDGE DETAIL



Detail No 11

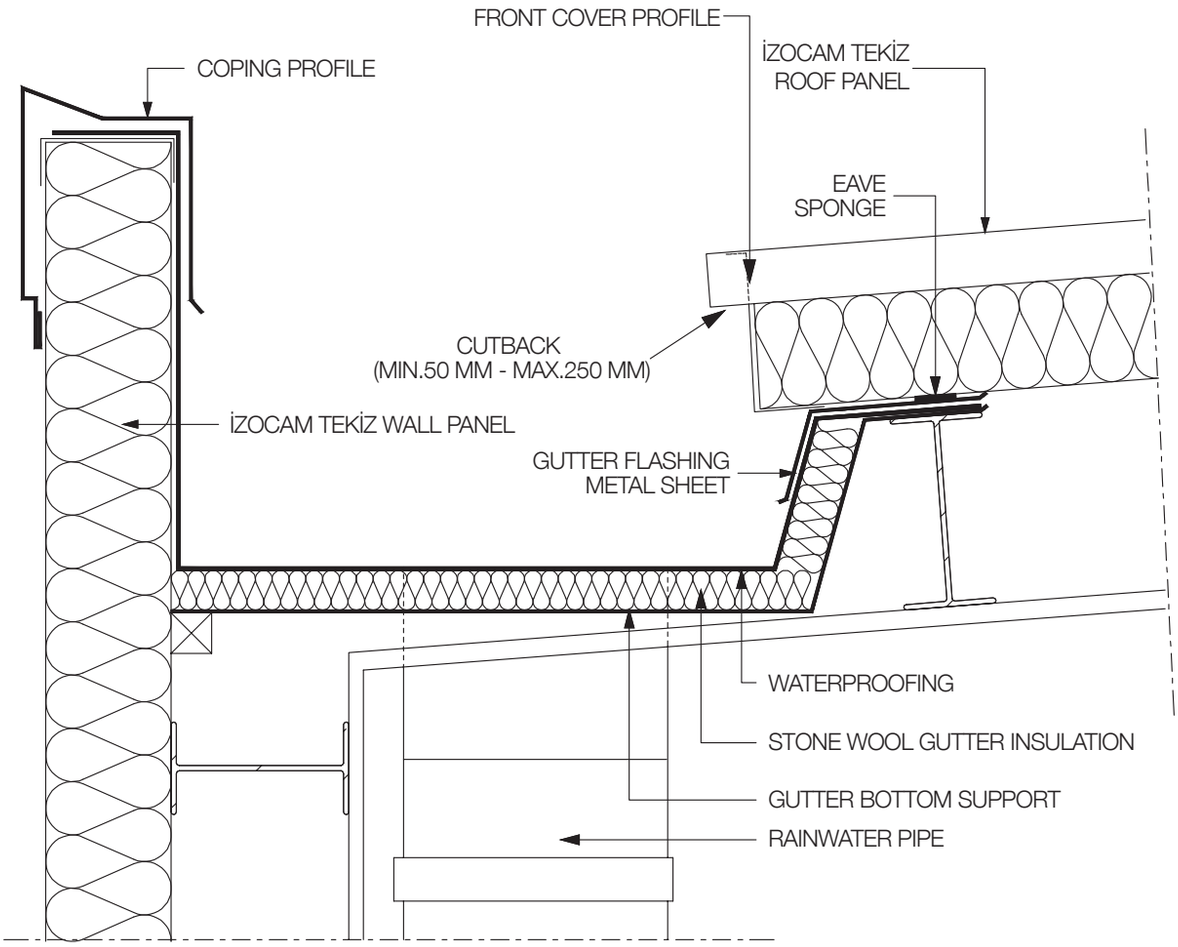
- Constructions used in the details are advisory. Each project should be assessed and controlled based on its own conditions.
- Izocam have right to discontinue the production of any material or add new product to its product range without any notice.
- Please consult İzocam for technical specifications of the insulation materials that are used in details.
- Non-scaled

3.12 INSULATED MIDDLE GUTTER DETAIL



Detail No
12

3.13 INSULATED SIDE GUTTER DETAIL



Detail No 13

- Constructions used in the details are advisory. Each project should be assessed and controlled based on its own conditions.
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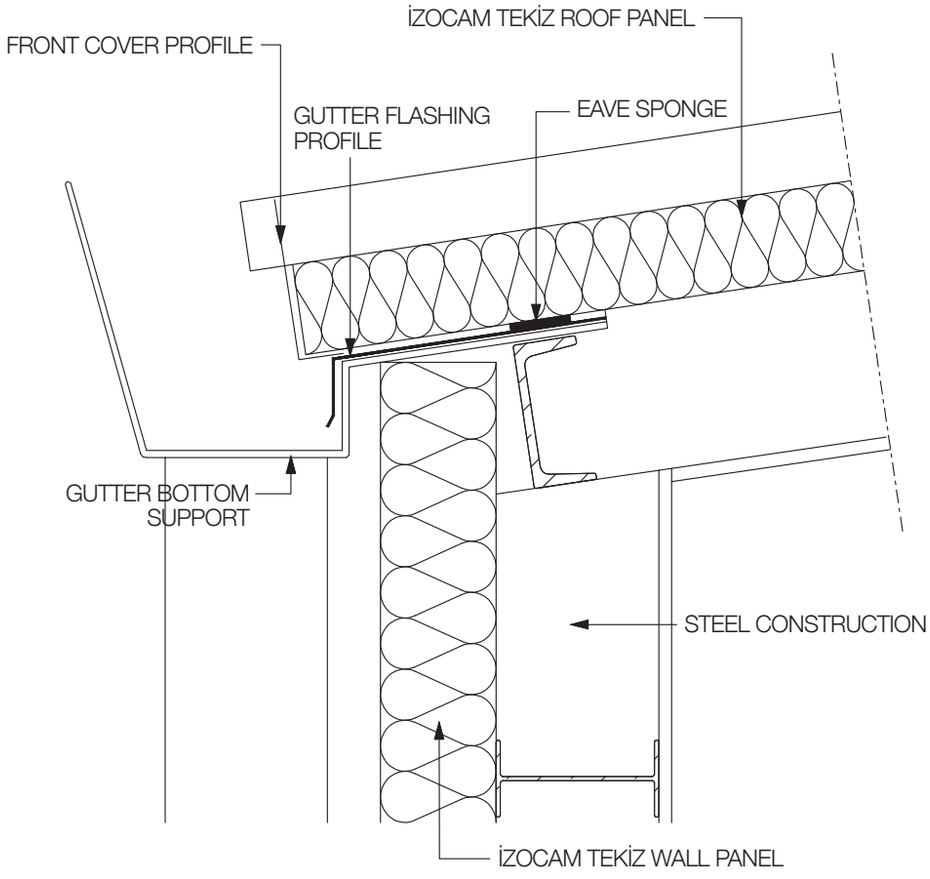
- Please consult İzocam for technical specifications of the insulation materials that are used in details.
- Non-scaled

3.14 NON-INSULATED SIDE GUTTER DETAIL



Detail No
14

3.15 SKYLIGHT CONNECTION DETAIL

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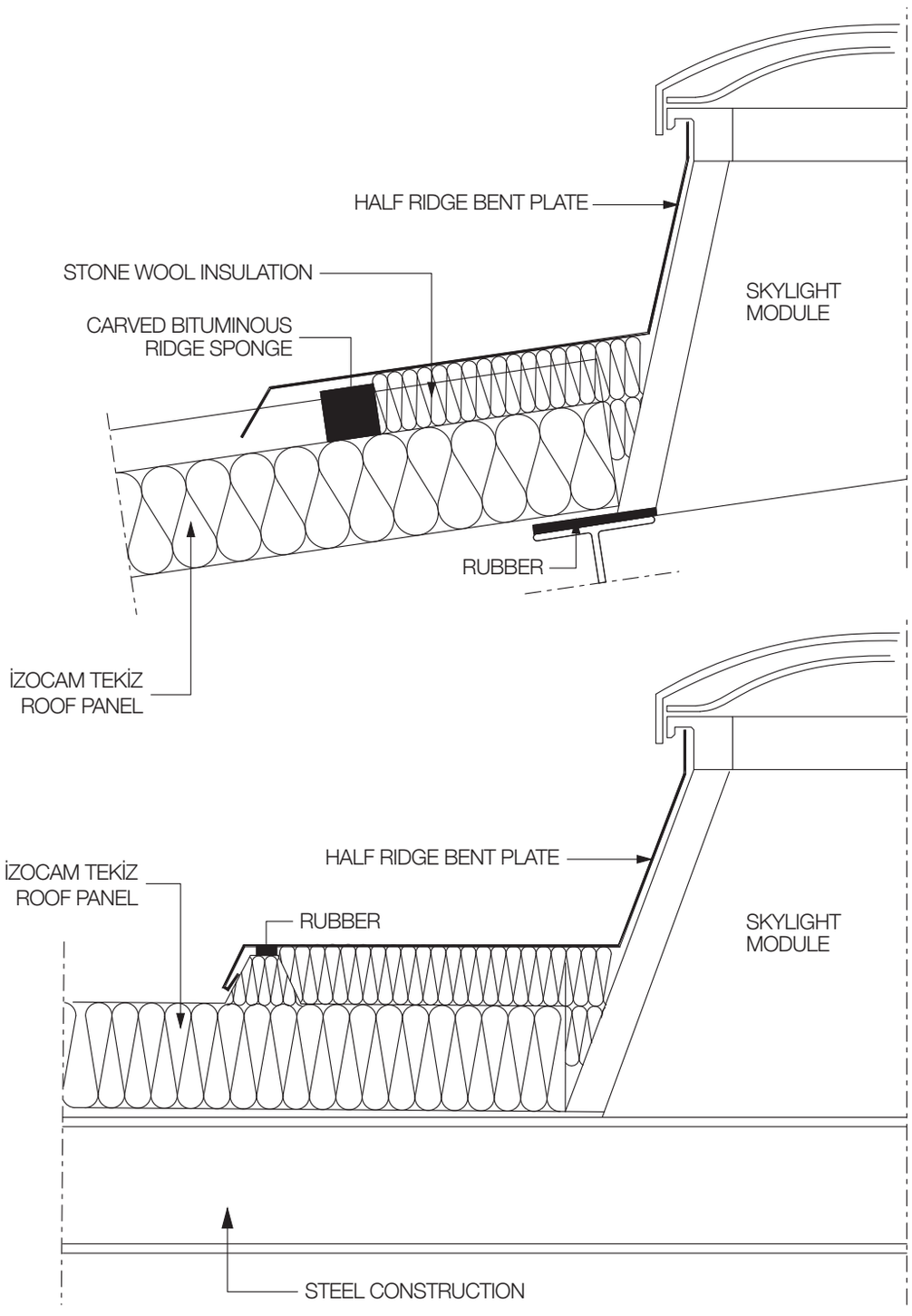

Detail No 15

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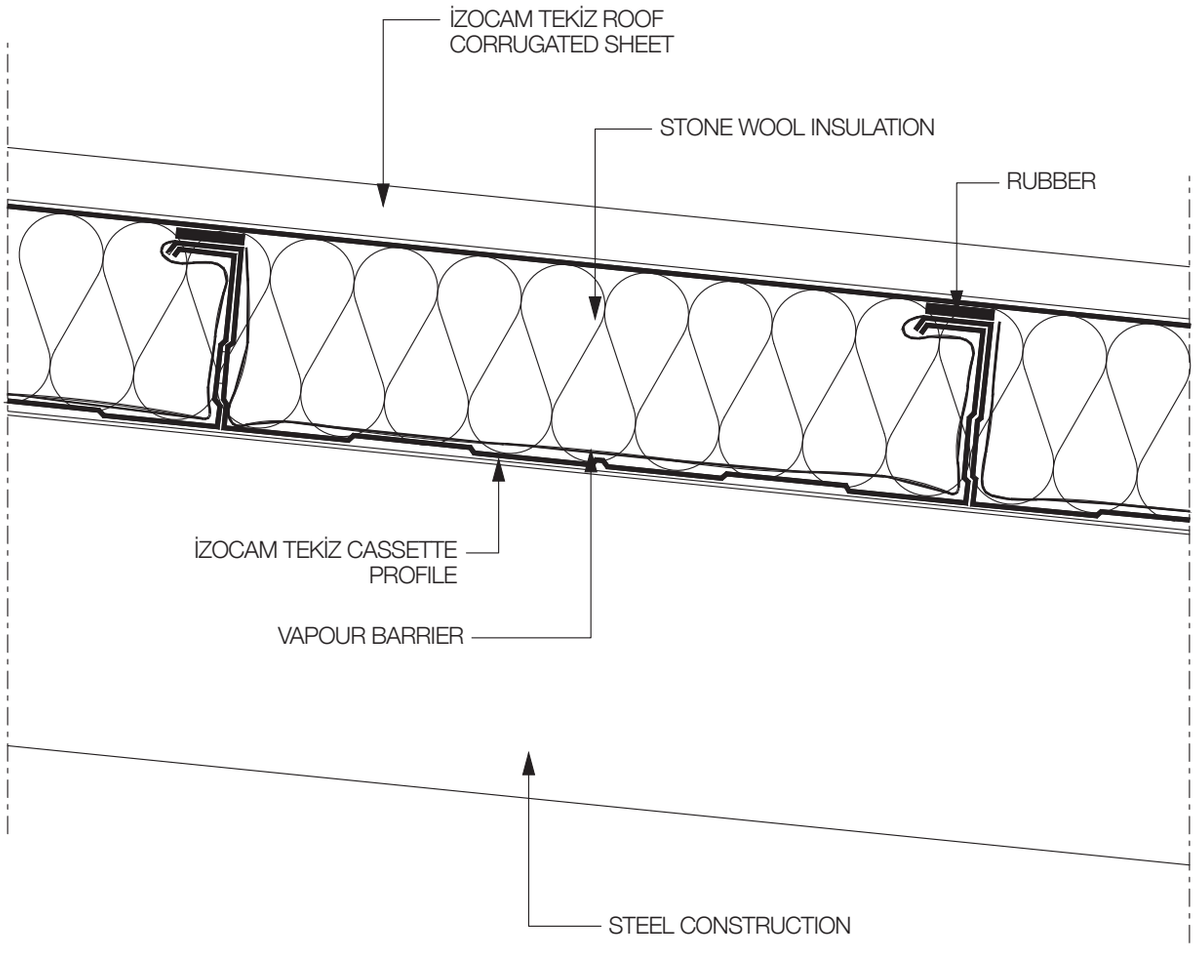
- Please consult İzocam for technical specifications of the insulation materials that are used in details.
- Non-scaled

3.16 CASSETTE SYSTEM DETAIL



Detail No 16

3.17 DETAIL OF CORRUGATED SHEET COVER WITH Z PROFILE

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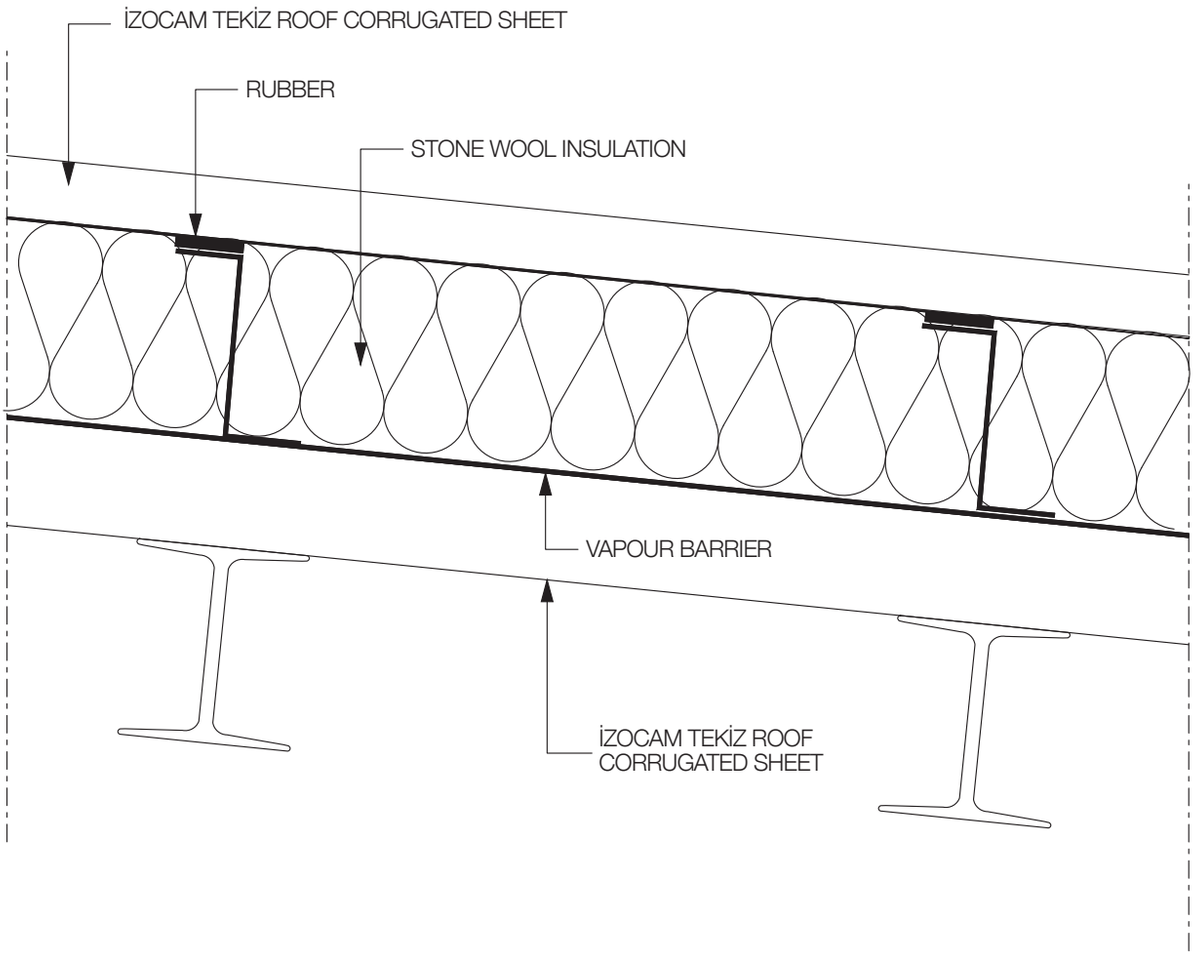

Detail No 17

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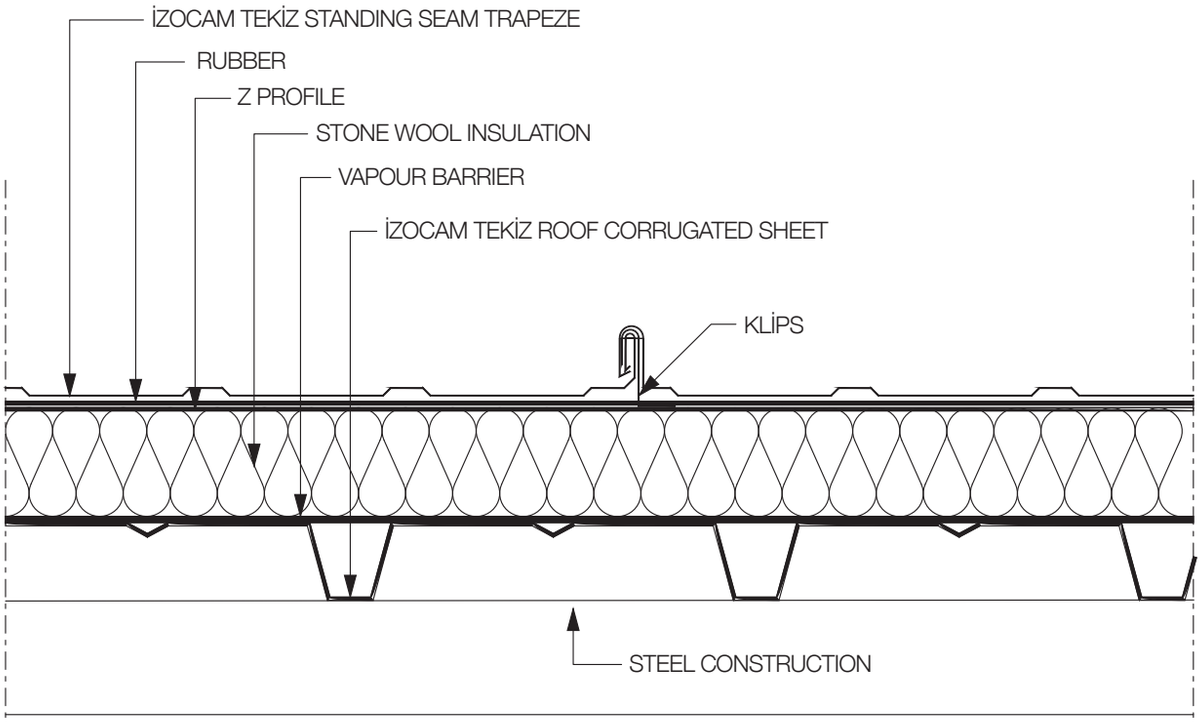
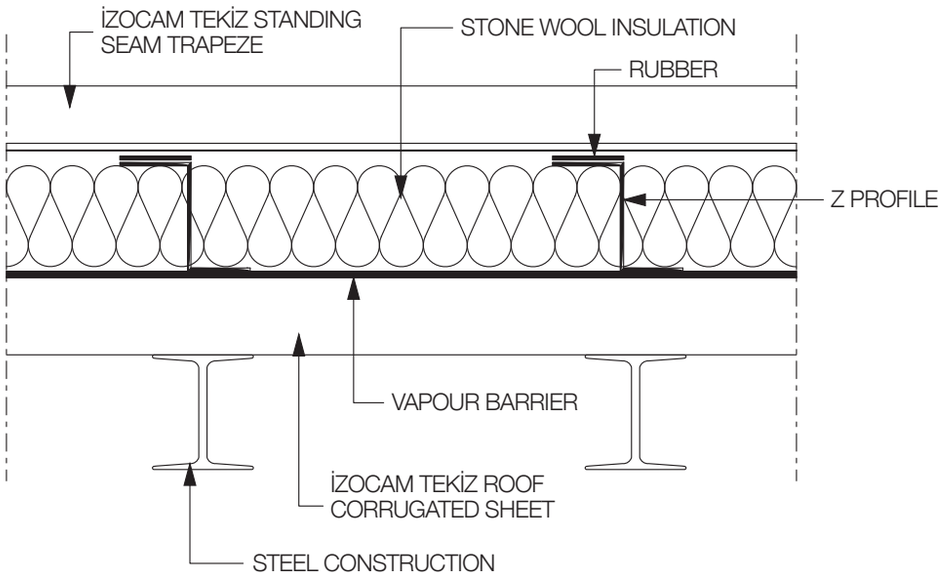
- Izocam have right to discontinue the production of any material or add new product to its product range without any notice.
- Please consult İzocam for technical specifications of the insulation materials that are used in details.
- Non-scaled

3.18 DETAIL OF STANDING SEAM ROOF WITH Z PROFILE



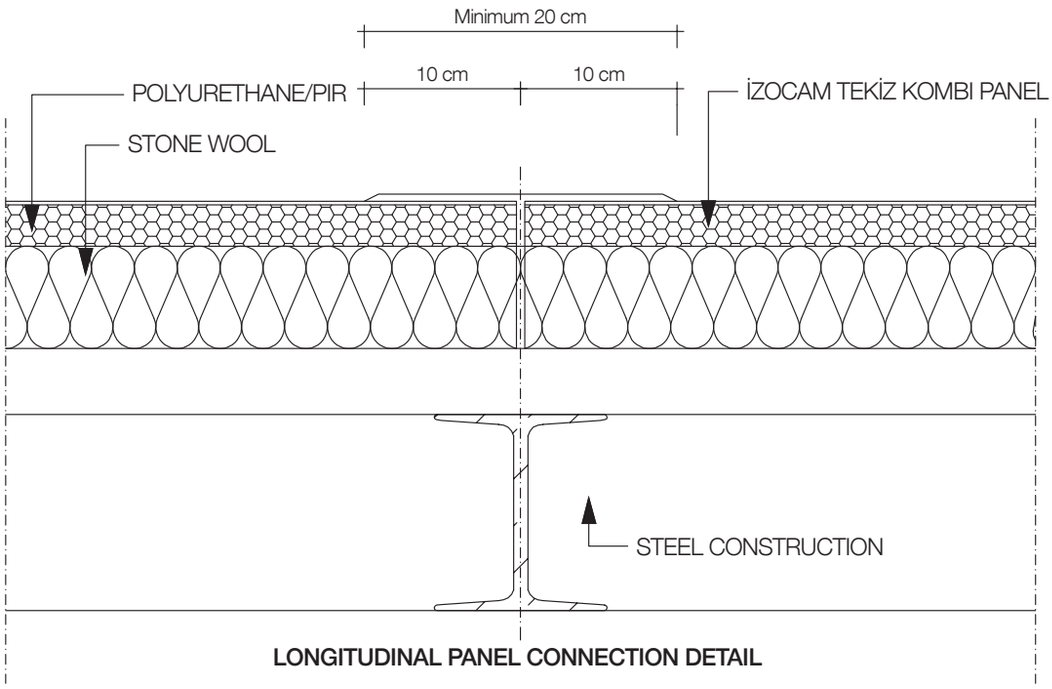
LONGITUDINAL SECTION



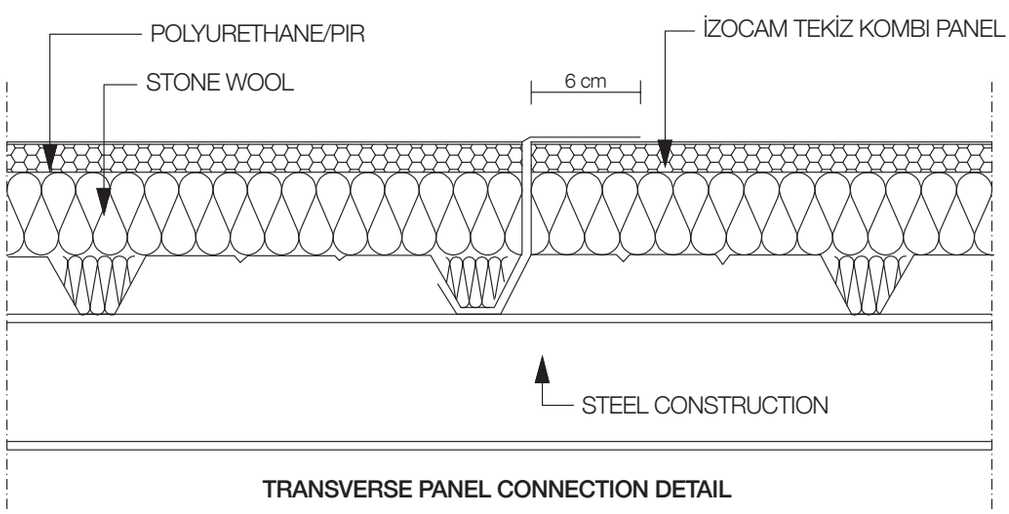
CROSS SECTION

Detail No
18

3.19 KOMBI PANEL CONNECTION DETAIL



LONGITUDINAL PANEL CONNECTION DETAIL

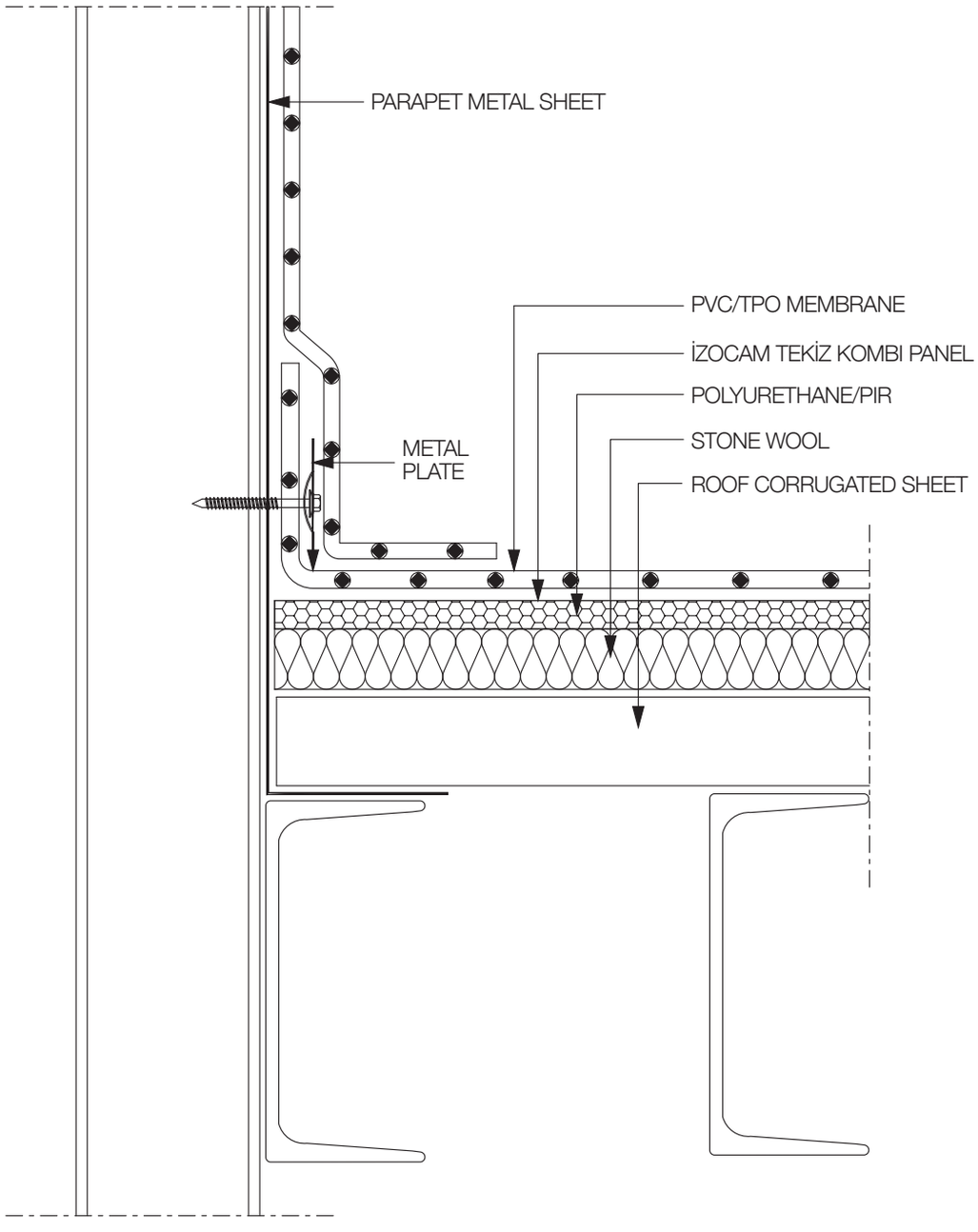


TRANSVERSE PANEL CONNECTION DETAIL

Detail No 19

- Constructions used in the details are advisory. Each project should be assessed and controlled based on its own conditions.
- Izocam have right to discontinue the production of any material or add new product to its product range without any notice.
- Please consult İzocam for technical specifications of the insulation materials that are used in details.
- Non-scaled

3.20 KOMBI PANEL PARAPET WALL CONNECTION DETAIL



Detail No
20

3.21 FIBRO PANEL CONNECTION DETAIL

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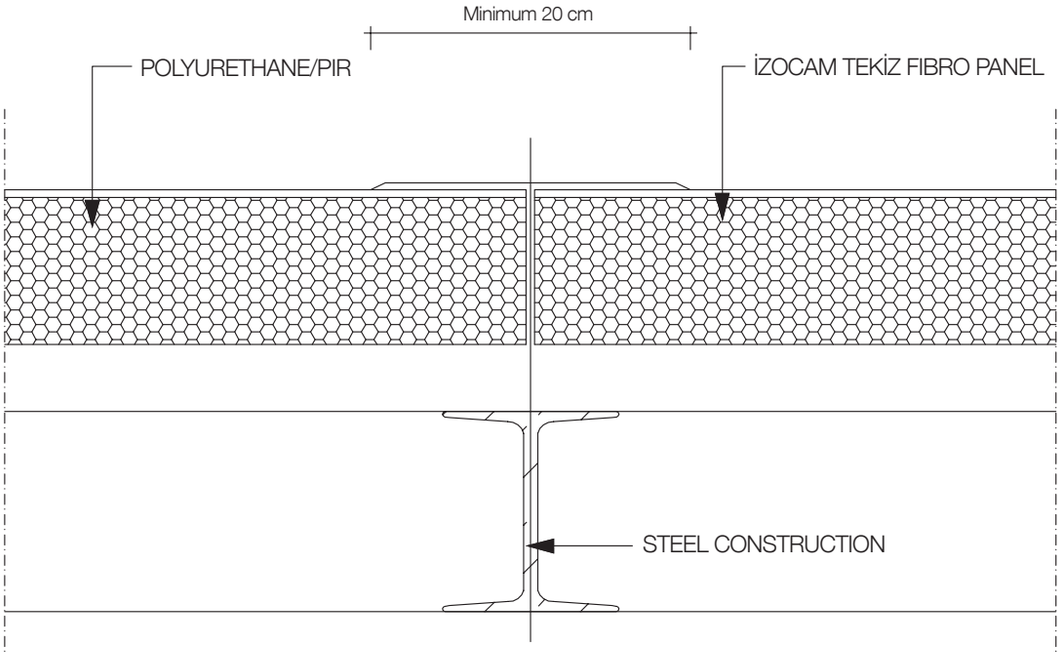
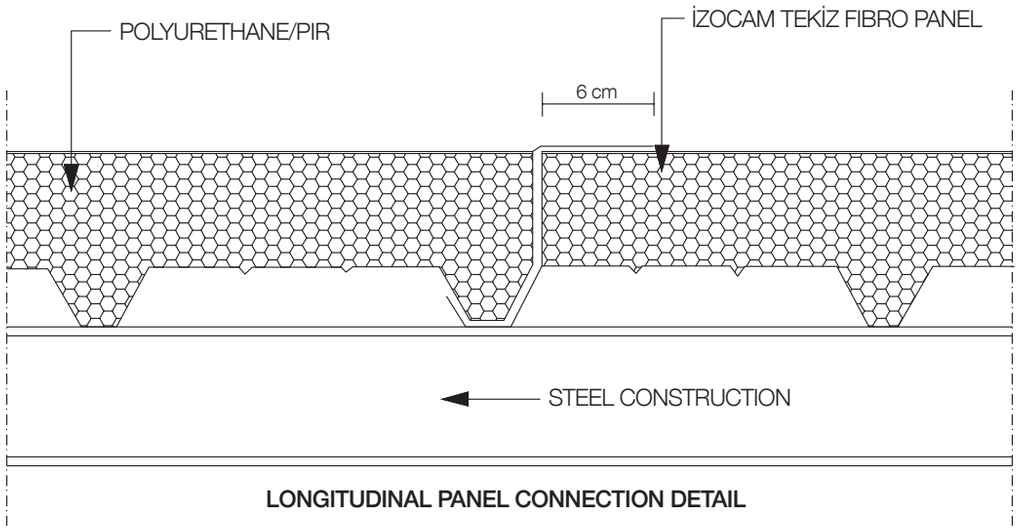


LONGITUDINAL PANEL CONNECTION DETAIL

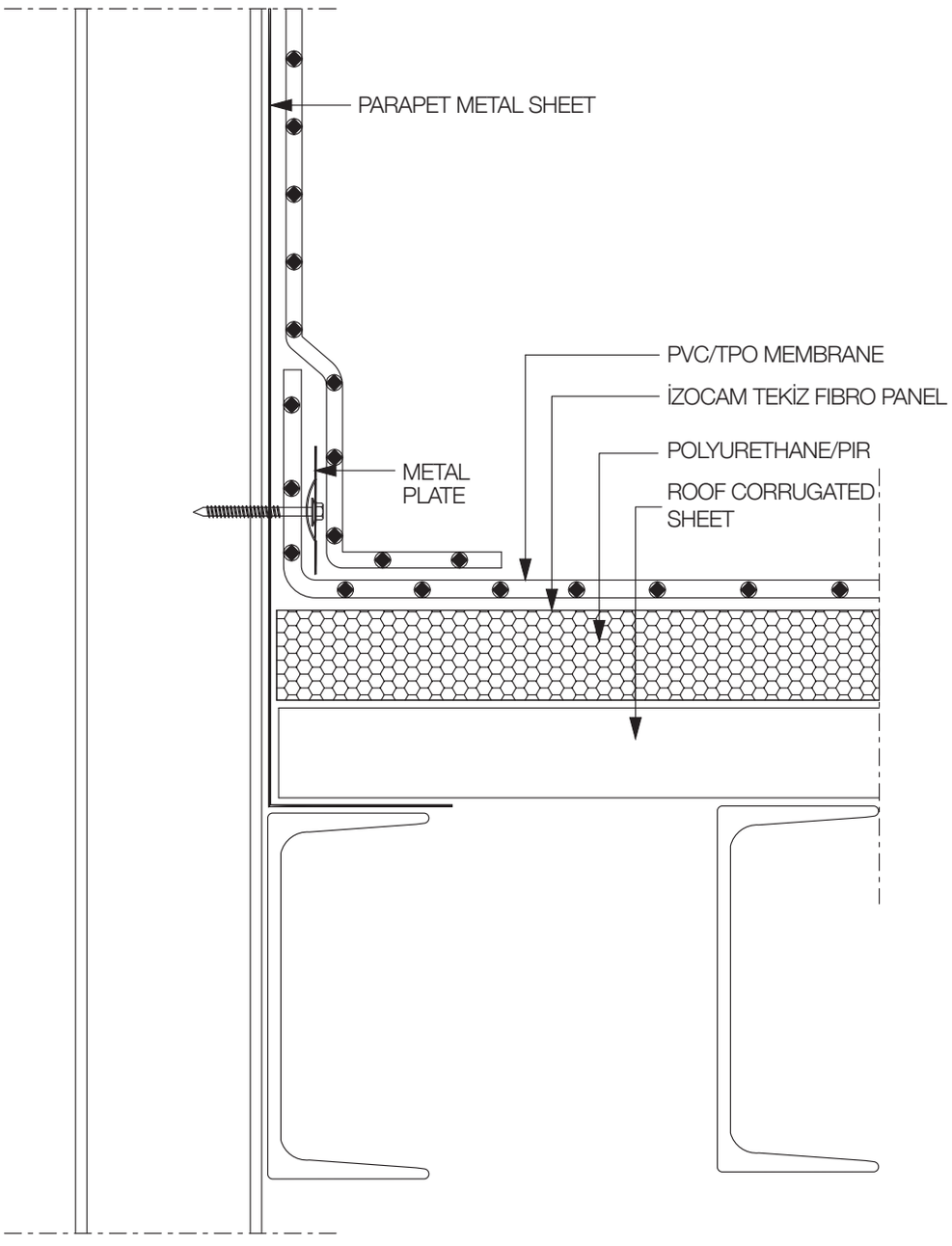


LONGITUDINAL PANEL CONNECTION DETAIL

Detail No 21

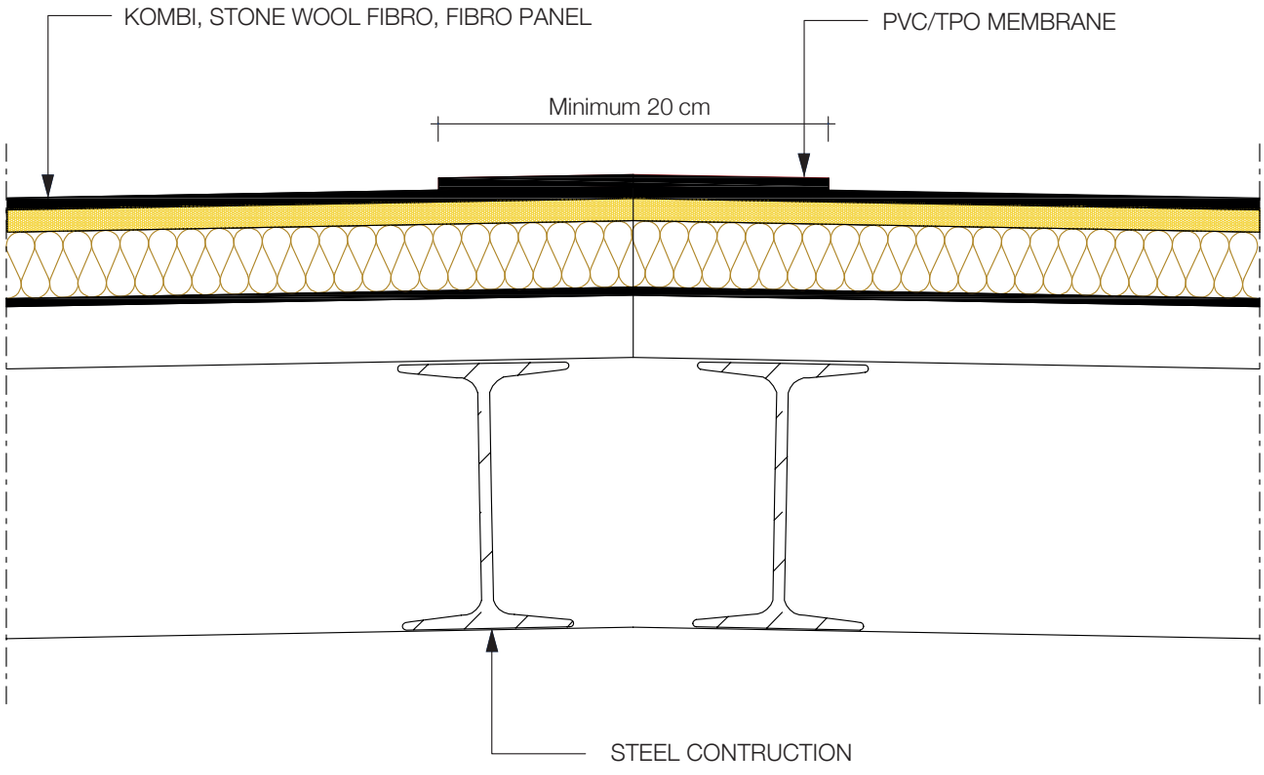
- Constructions used in the details are advisory. Each project should be assessed and controlled based on its own conditions.
- Izocam have right to discontinue the production of any material or add new product to its product range without any notice.
- Please consult İzocam for technical specifications of the insulation materials that are used in details.
- Non-scaled

3.22 FIBRO PANEL PARAPET WALL DETAIL



Detail No
22

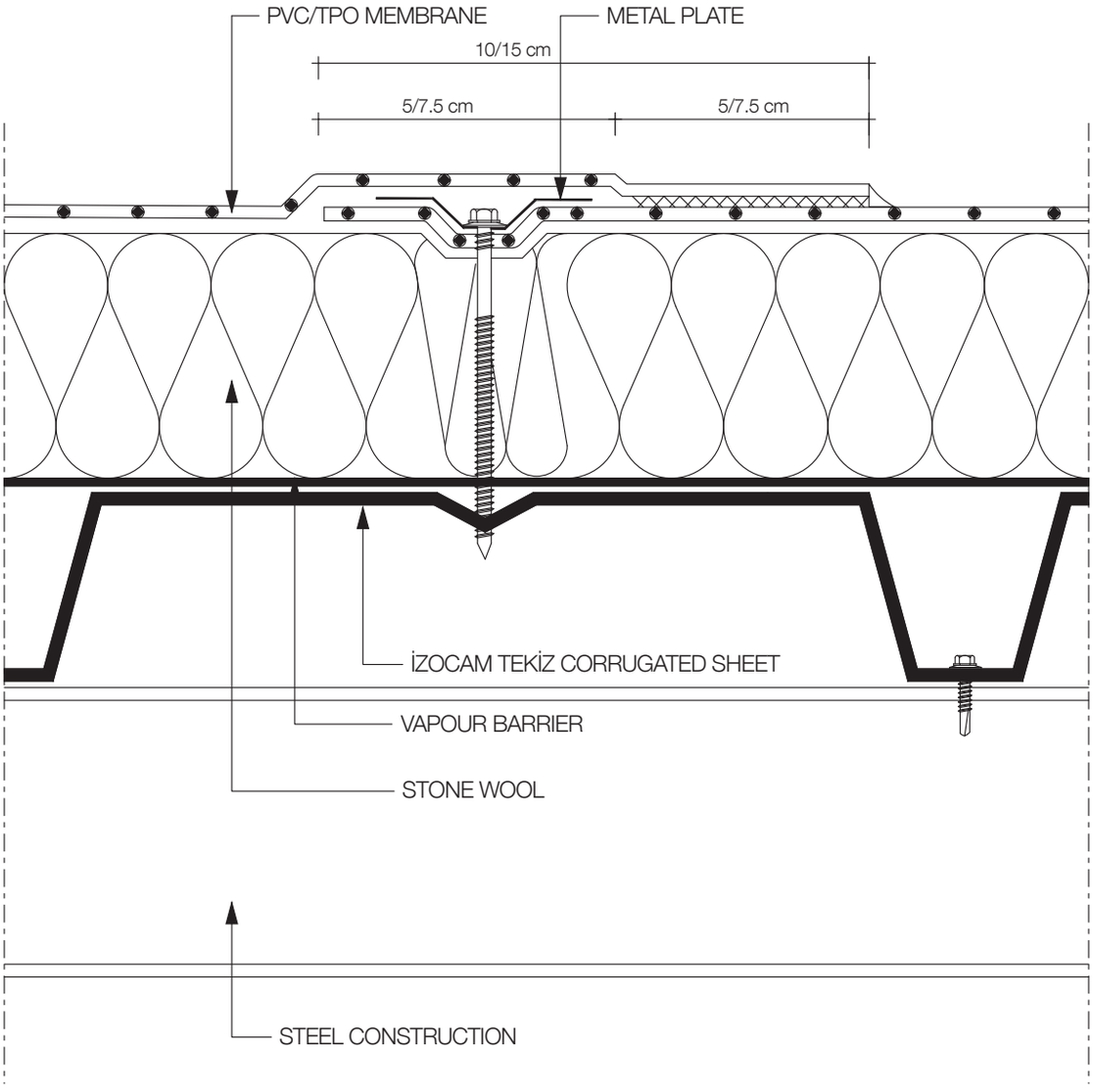
3.23 RIDGE DETAIL



Detail No 23

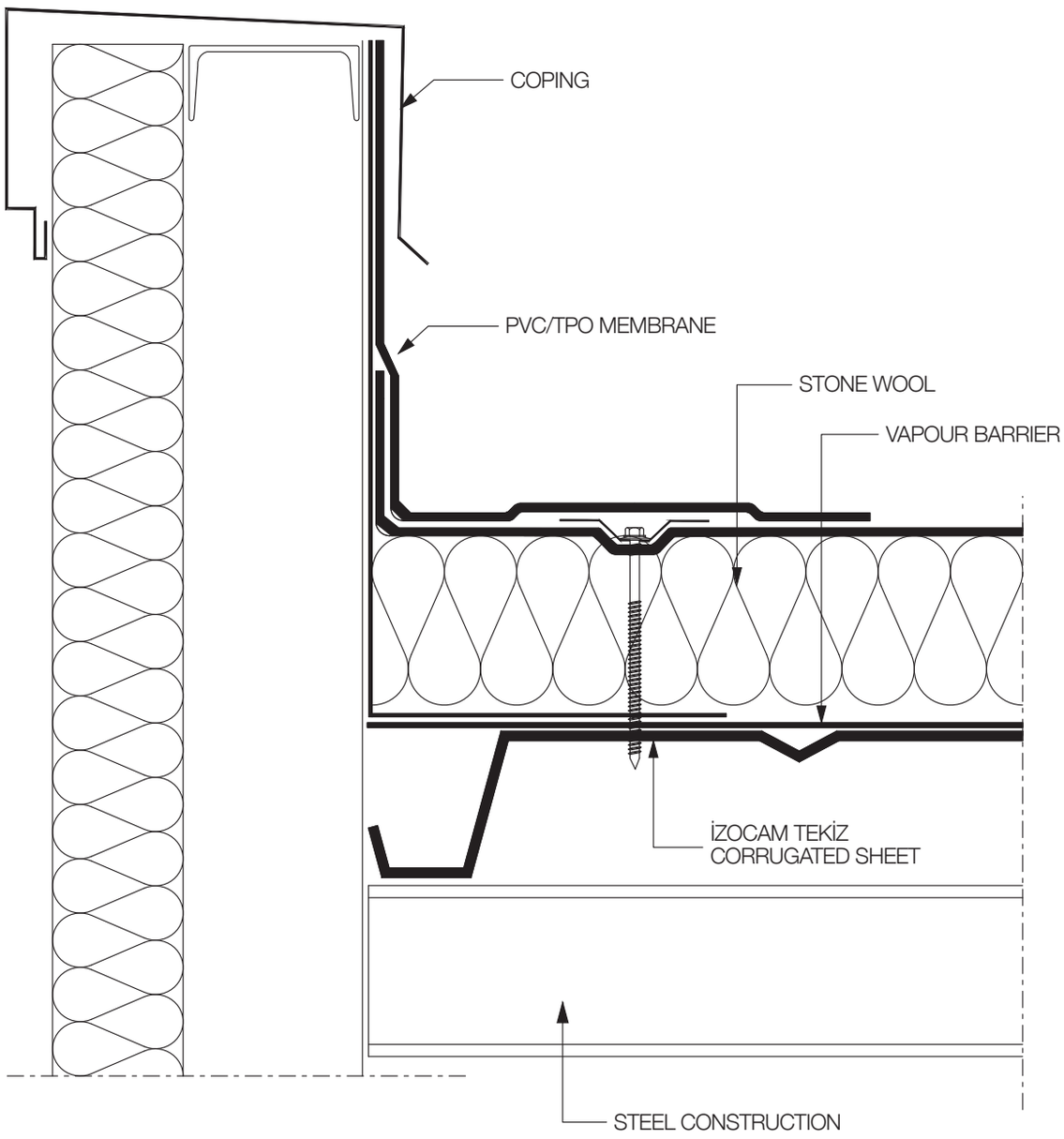
- Constructions used in the details are advisory. Each project should be assessed and controlled based on its own conditions.
- Izocam have right to discontinue the production of any material or add new product to its product range without any notice.
- Please consult İzocam for technical specifications of the insulation materials that are used in details.
- Non-scaled

3.24 SYSTEM DETAIL



Detail No
24

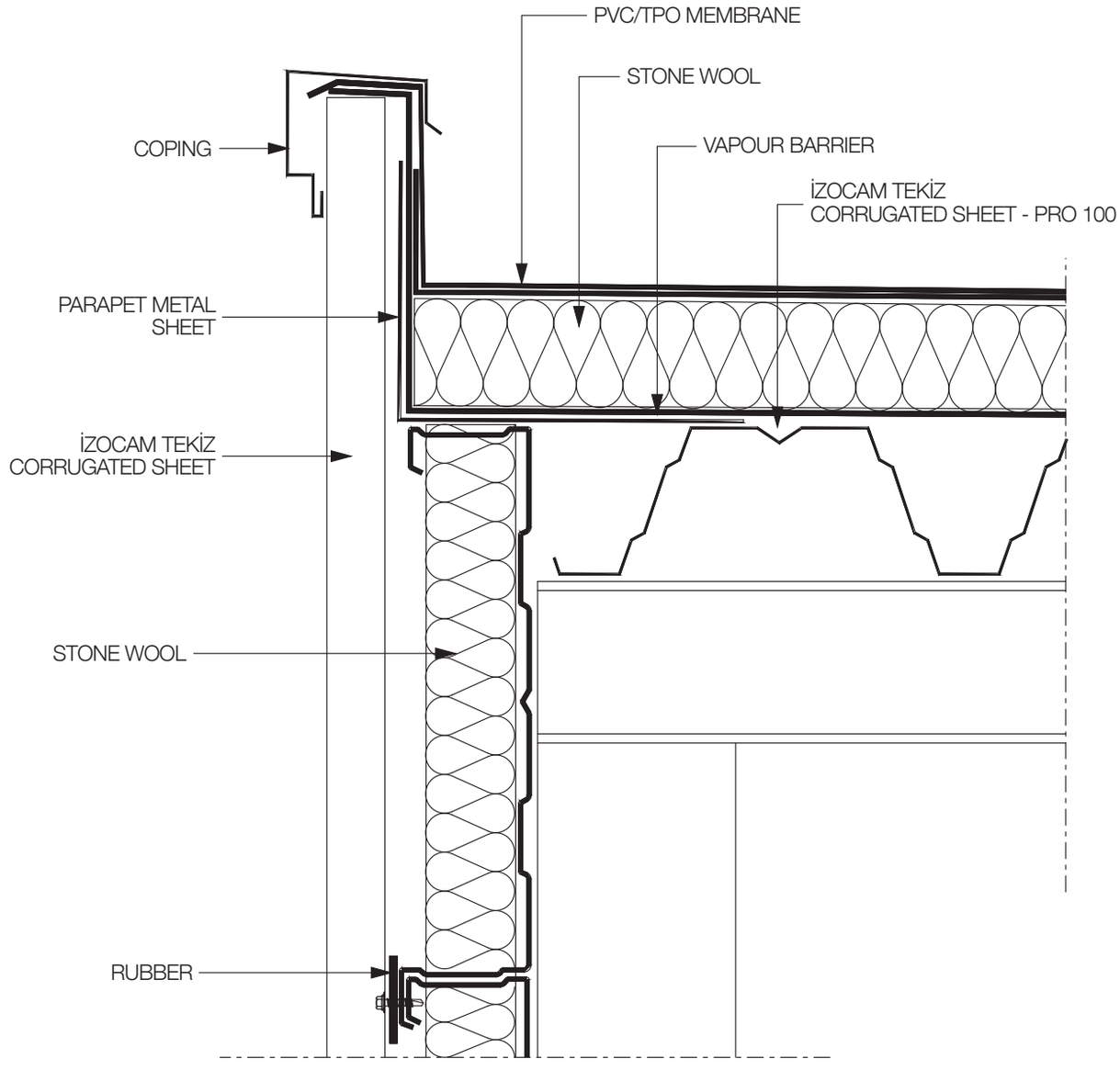
3.25 PARAPET WALL DETAIL



Detail No 25

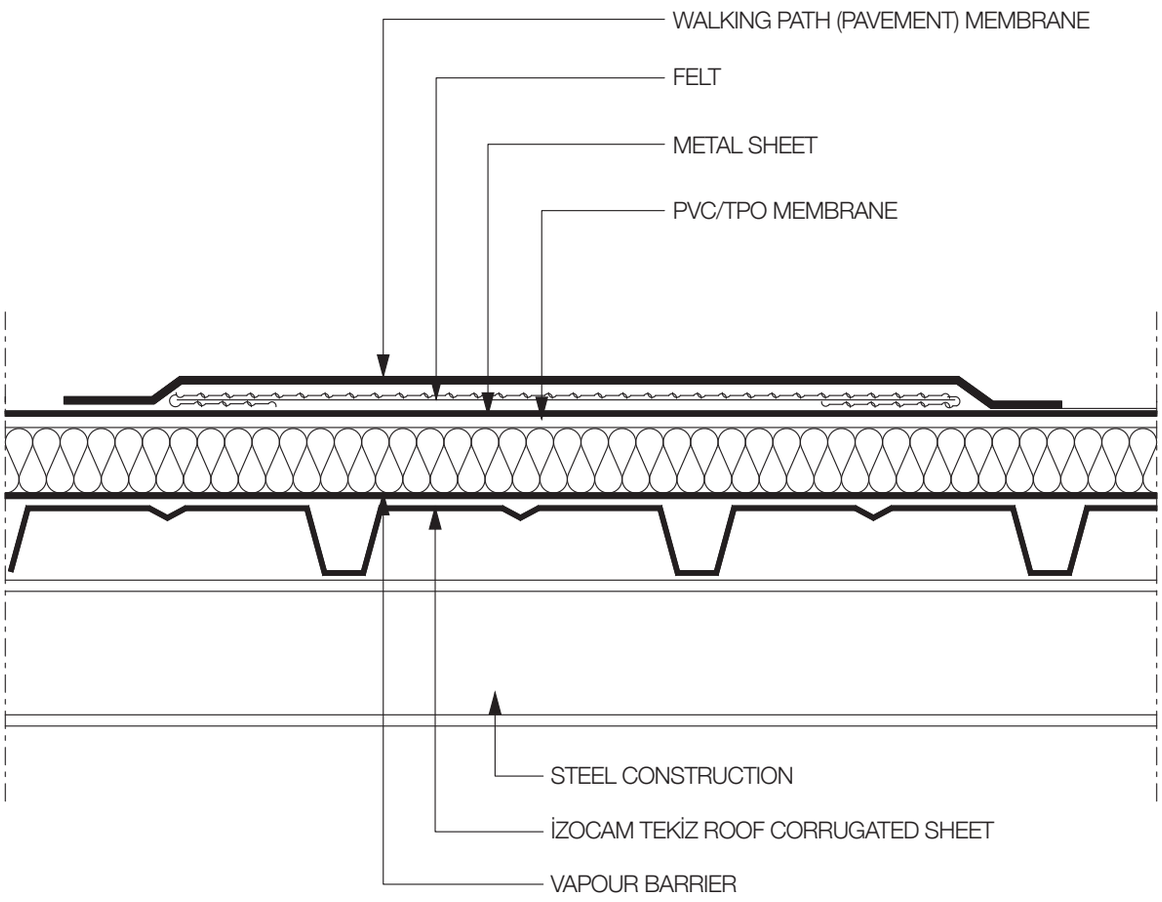
- Constructions used in the details are advisory. Each project should be assessed and controlled based on its own conditions.
- Izocam have right to discontinue the production of any material or add new product to its product range without any notice.
- Please consult İzocam for technical specifications of the insulation materials that are used in details.
- Non-scaled

3.26 DETAIL OF PARAPET WALL WITH PRO100 APPLICATION



Detail No
26

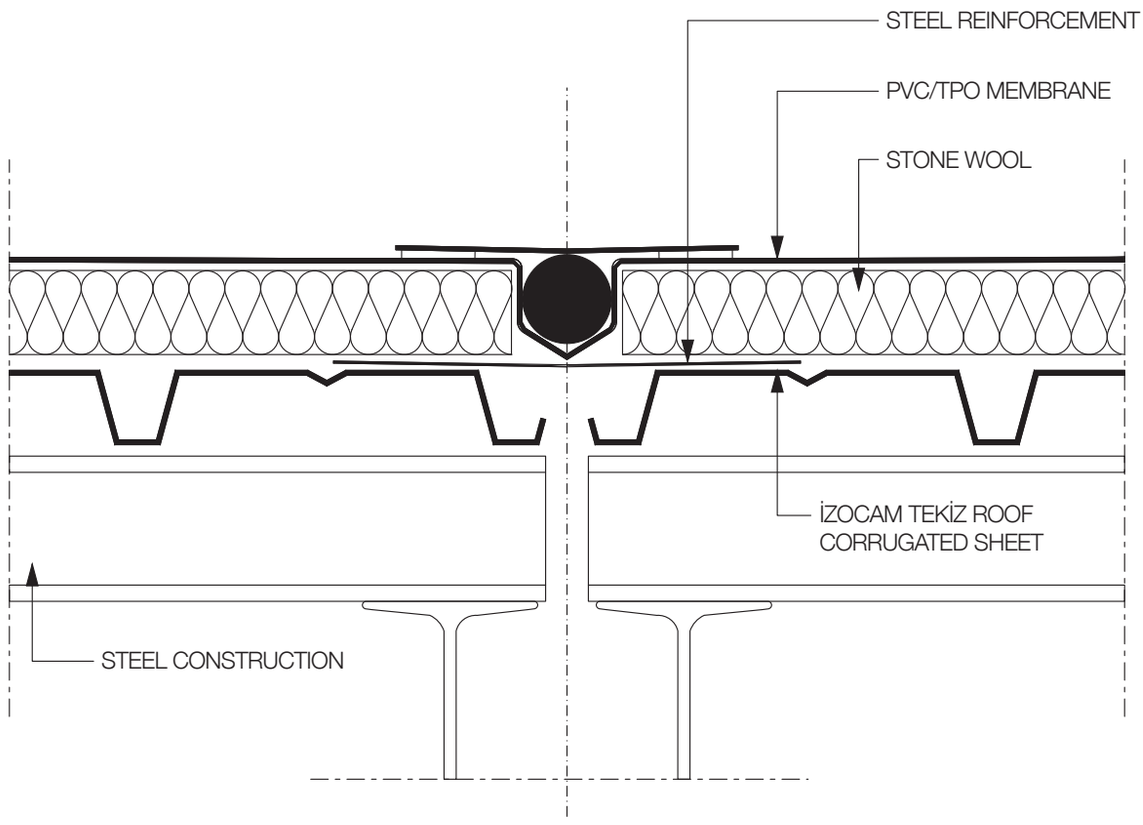
3.27 WALKING PATH DETAIL



Detail No 27

- Constructions used in the details are advisory. Each project should be assessed and controlled based on its own conditions.
- Izocam have right to discontinue the production of any material or add new product to its product range without any notice.
- Please consult İzocam for technical specifications of the insulation materials that are used in details.
- Non-scaled

3.28 EXPANSION JOINT DETAIL



Detail No
28

3.29 VENTILATION DUCT DETAIL

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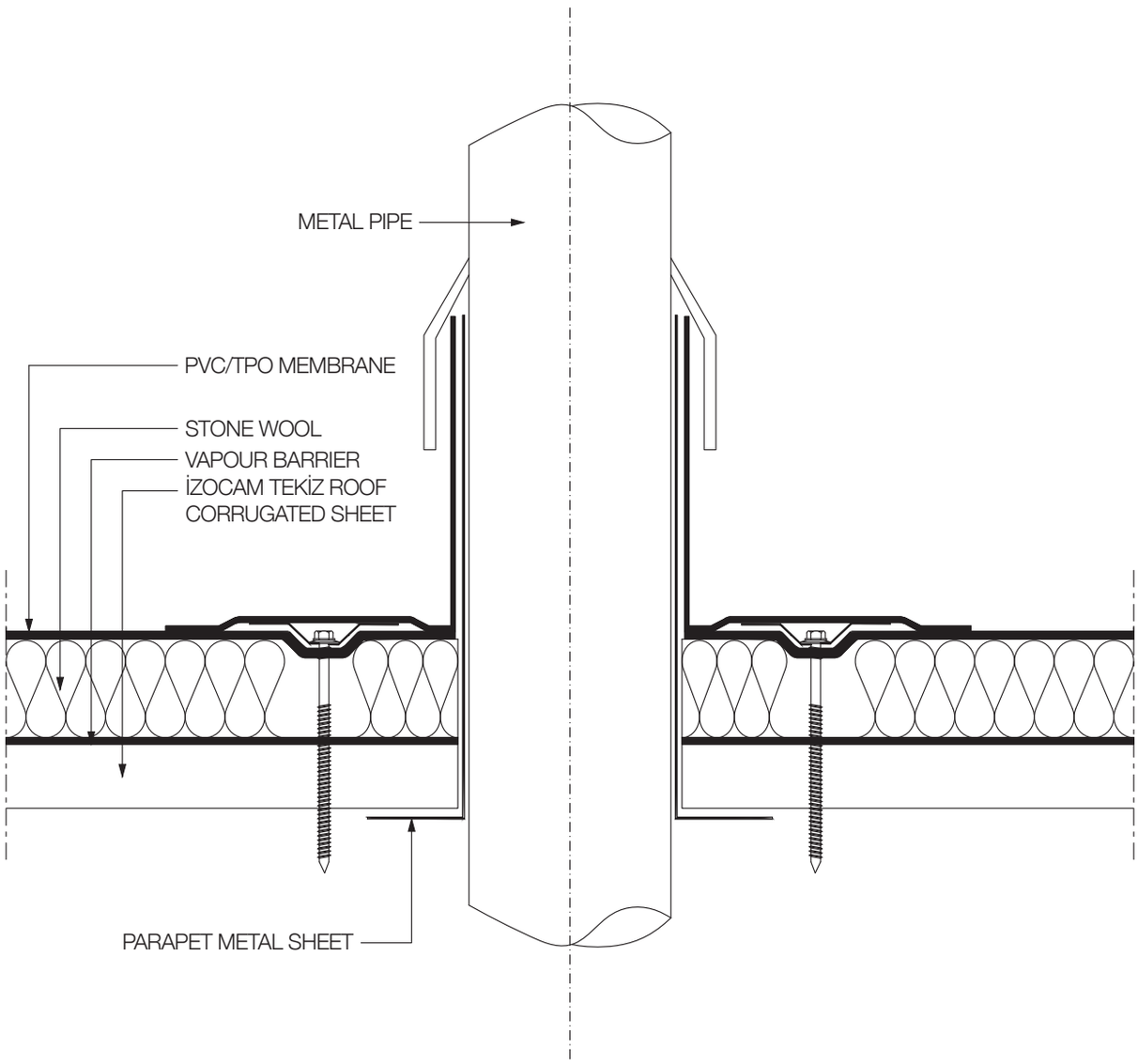

Detail No 29

- Constructions used in the details are advisory. Each project should be assessed and controlled based on its own conditions.
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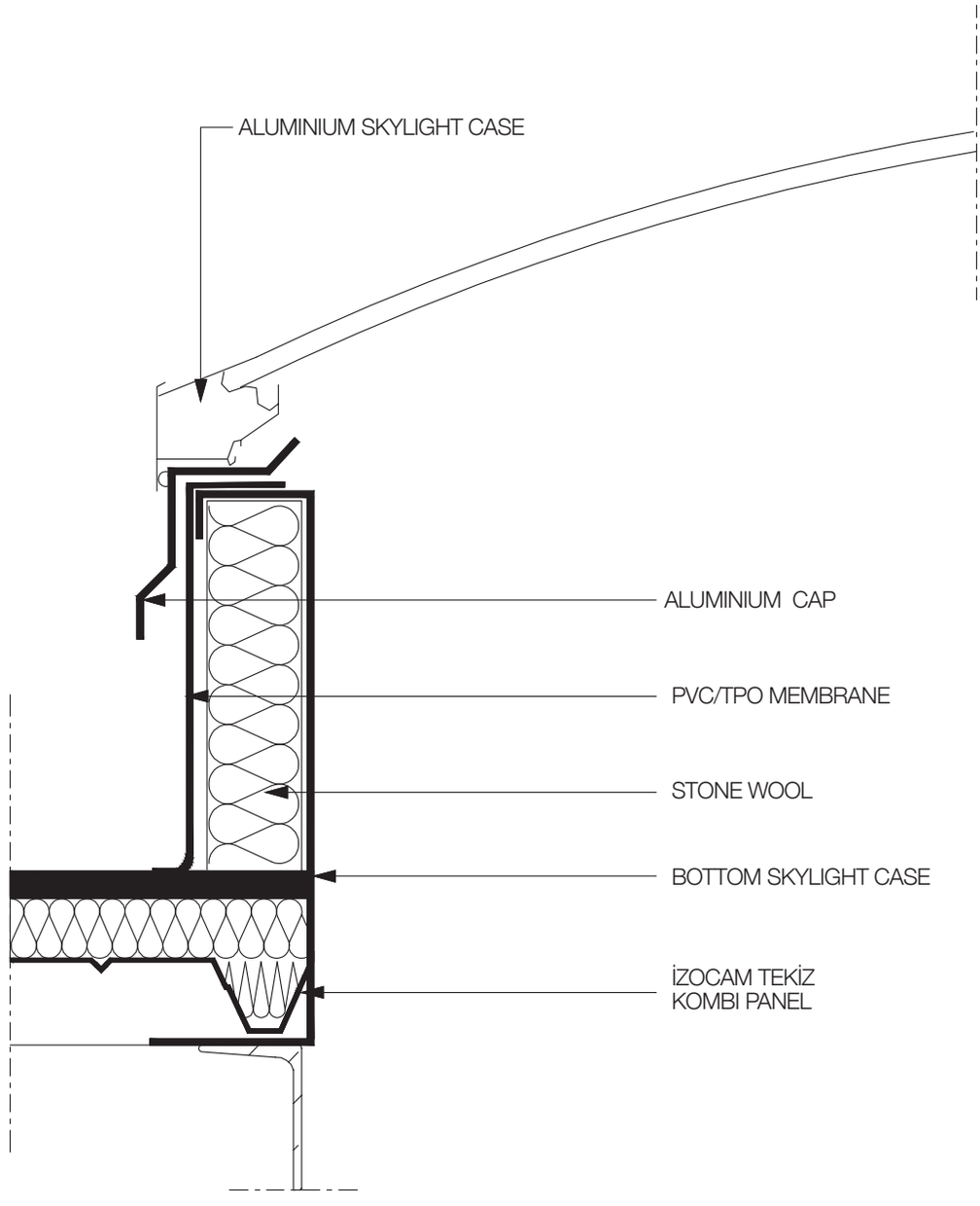
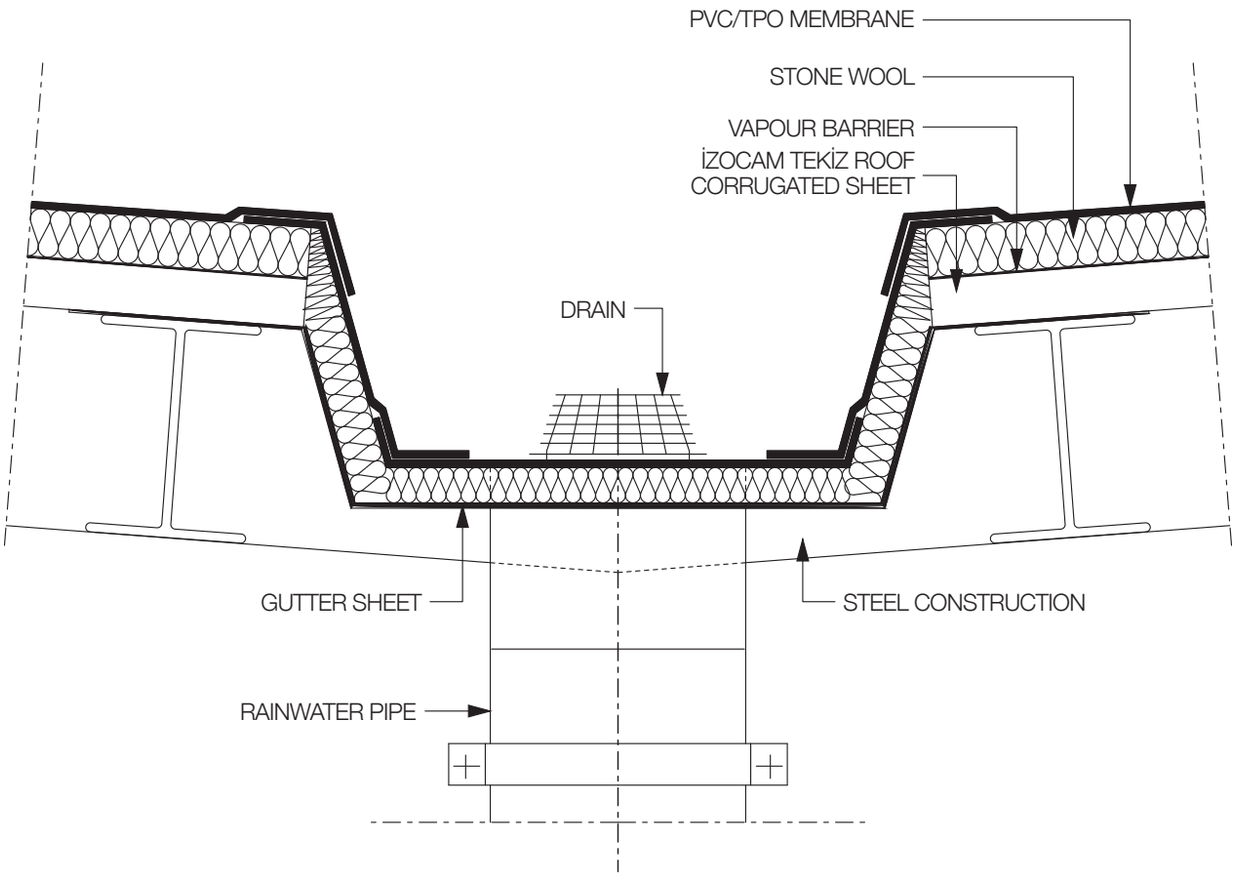
- Please consult İzocam for technical specifications of the insulation materials that are used in details.
- Non-scaled

3.30 SKYLIGHT DETAIL



Detail No
30

3.31 MIDDLE GUTTER DETAIL



Detail No 31

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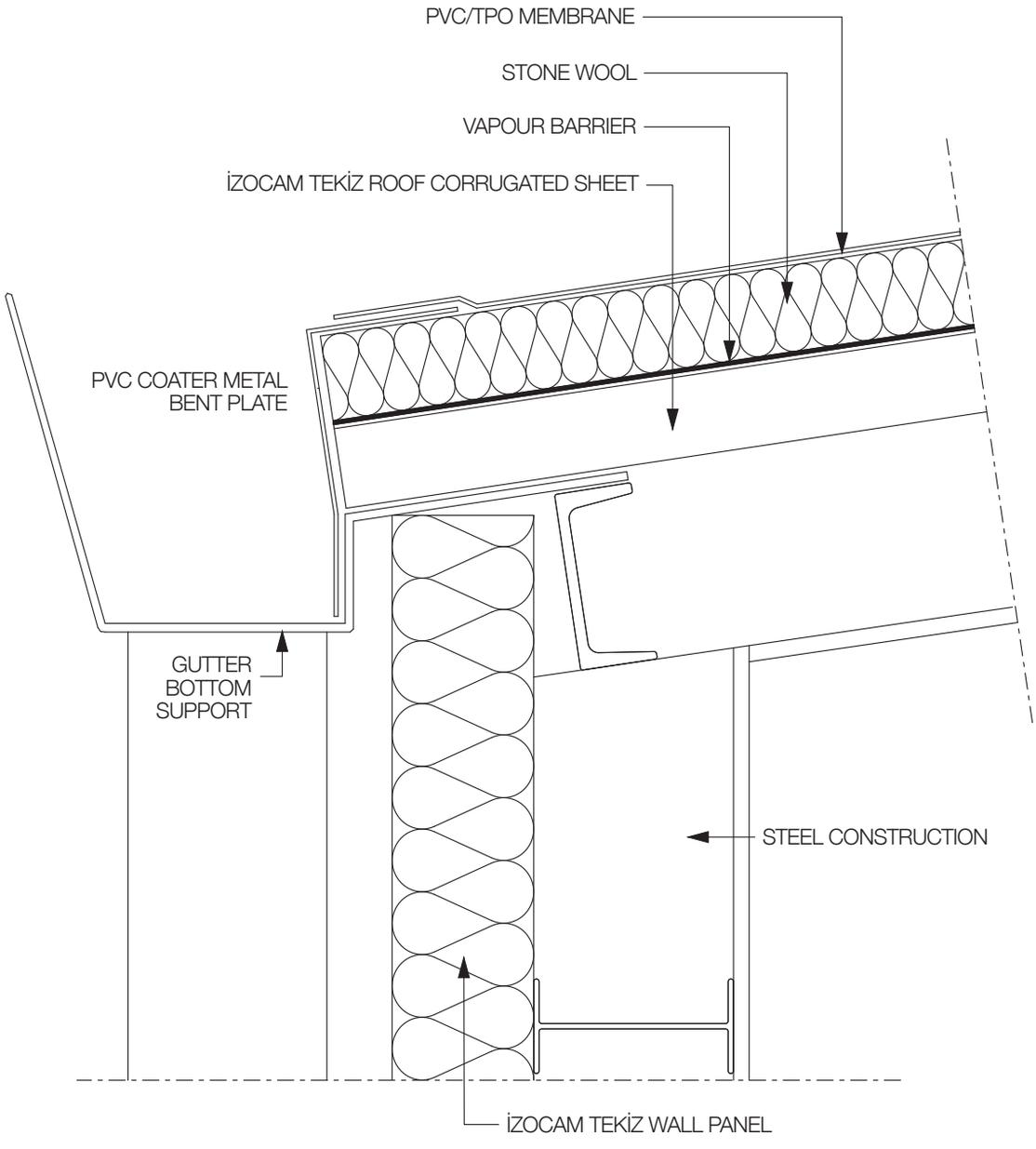
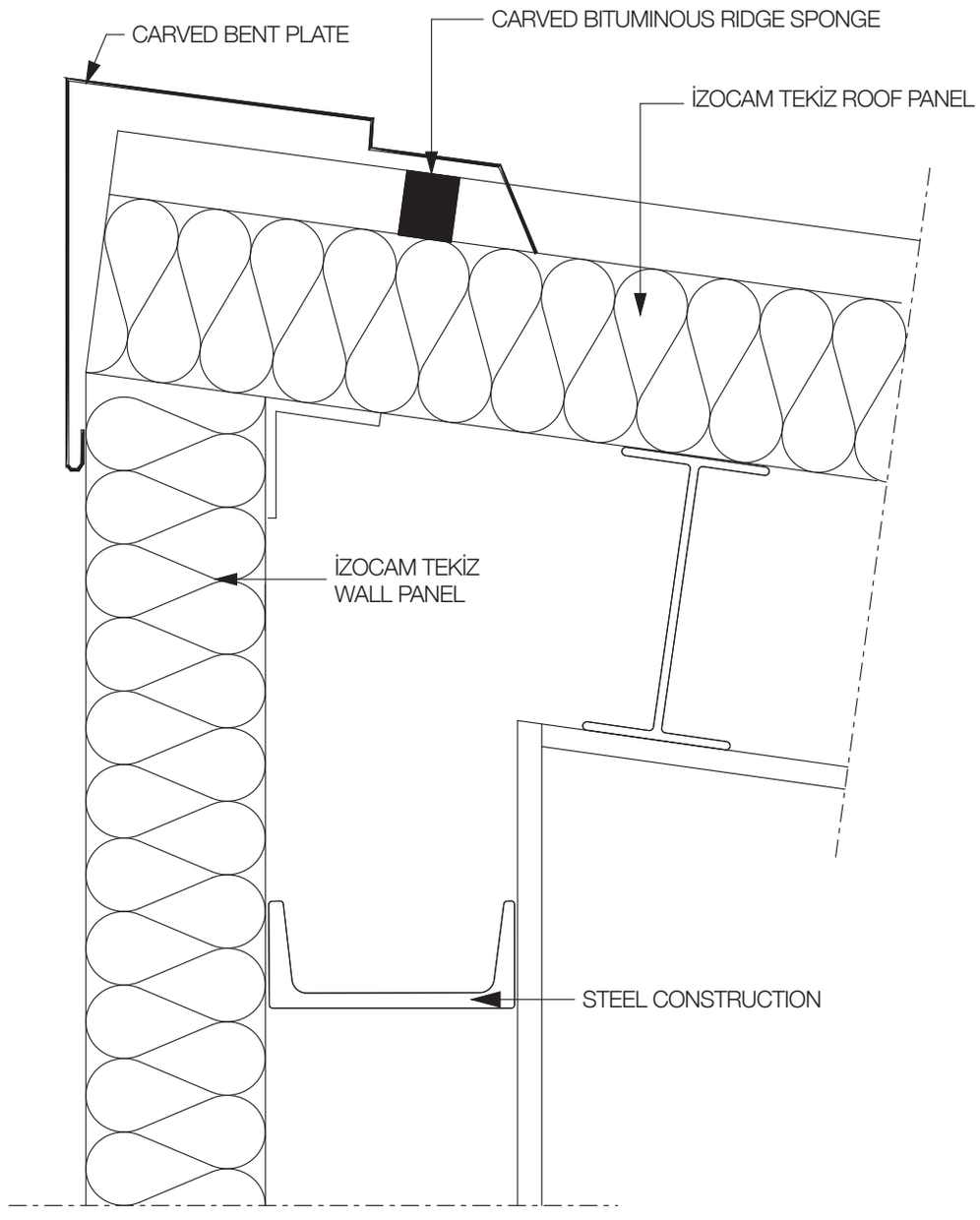
- Non-scaled

3.32 SIDE GUTTER DETAIL



Detail No
32

3.33 FACADE-ROOF CAP DETAIL



Detail No 33

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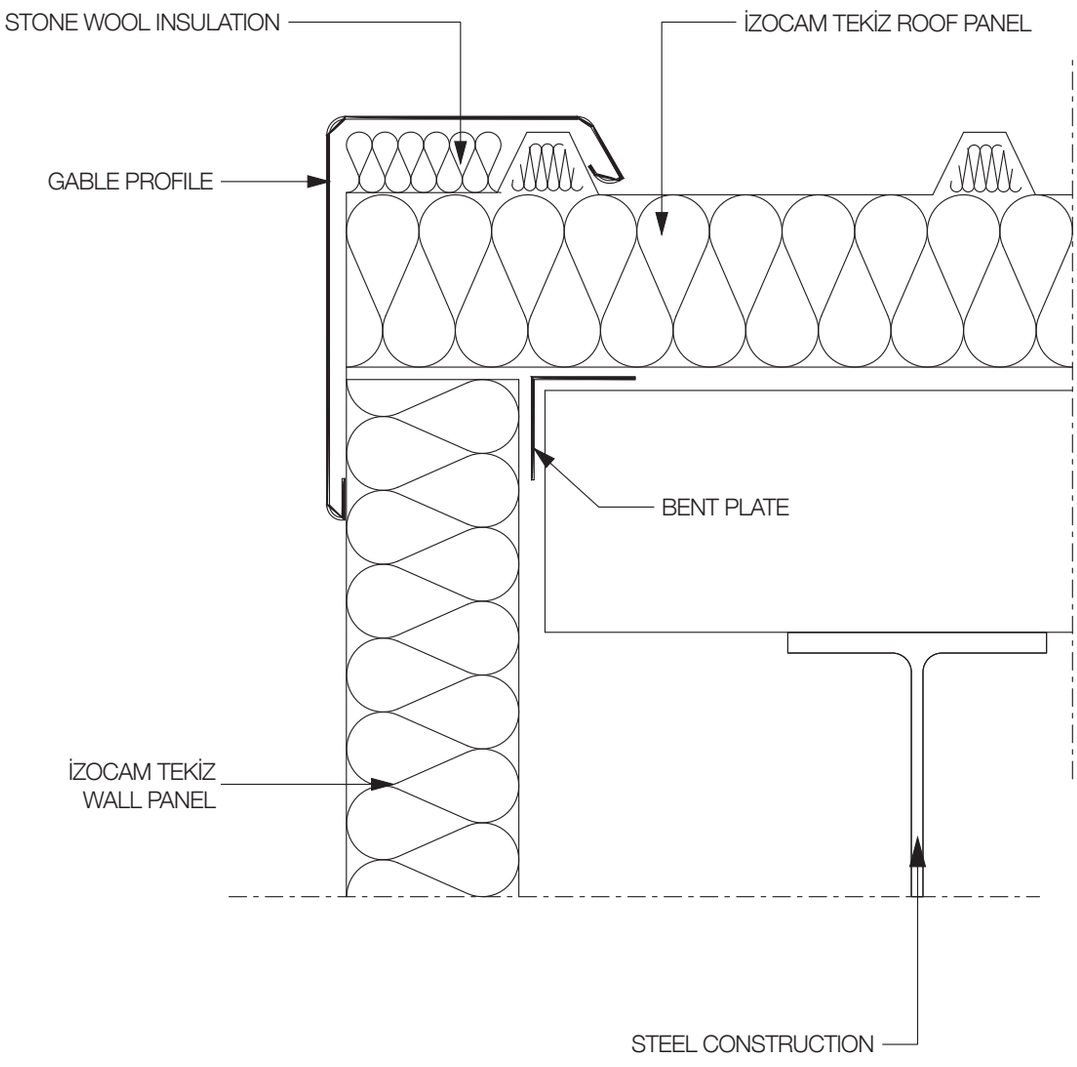
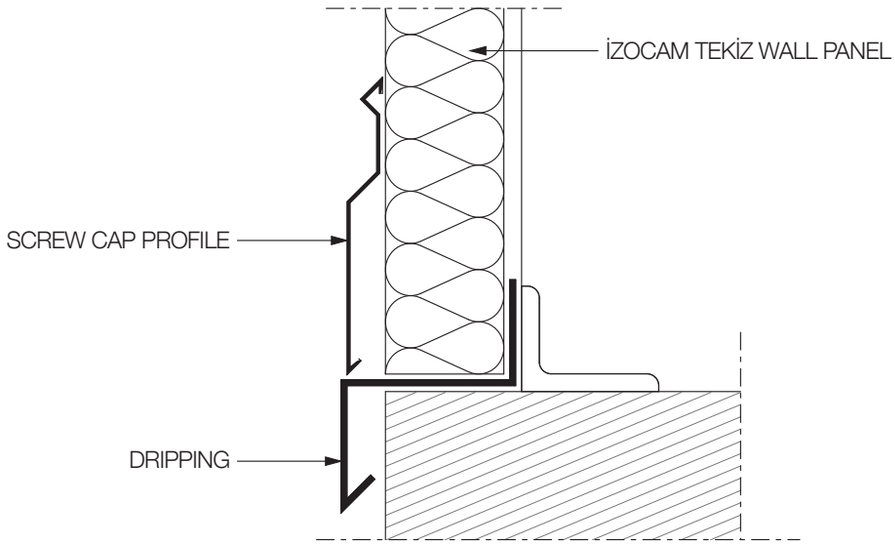
- Non-scaled

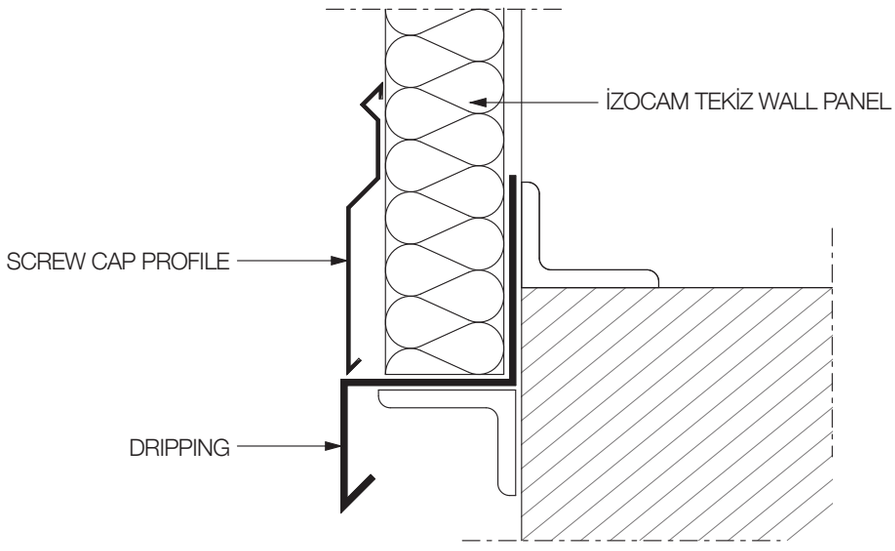
3.34 GABLE SHEET DETAIL



Detail No
34

3.35 DRIPPING DETAIL





Detail No 35

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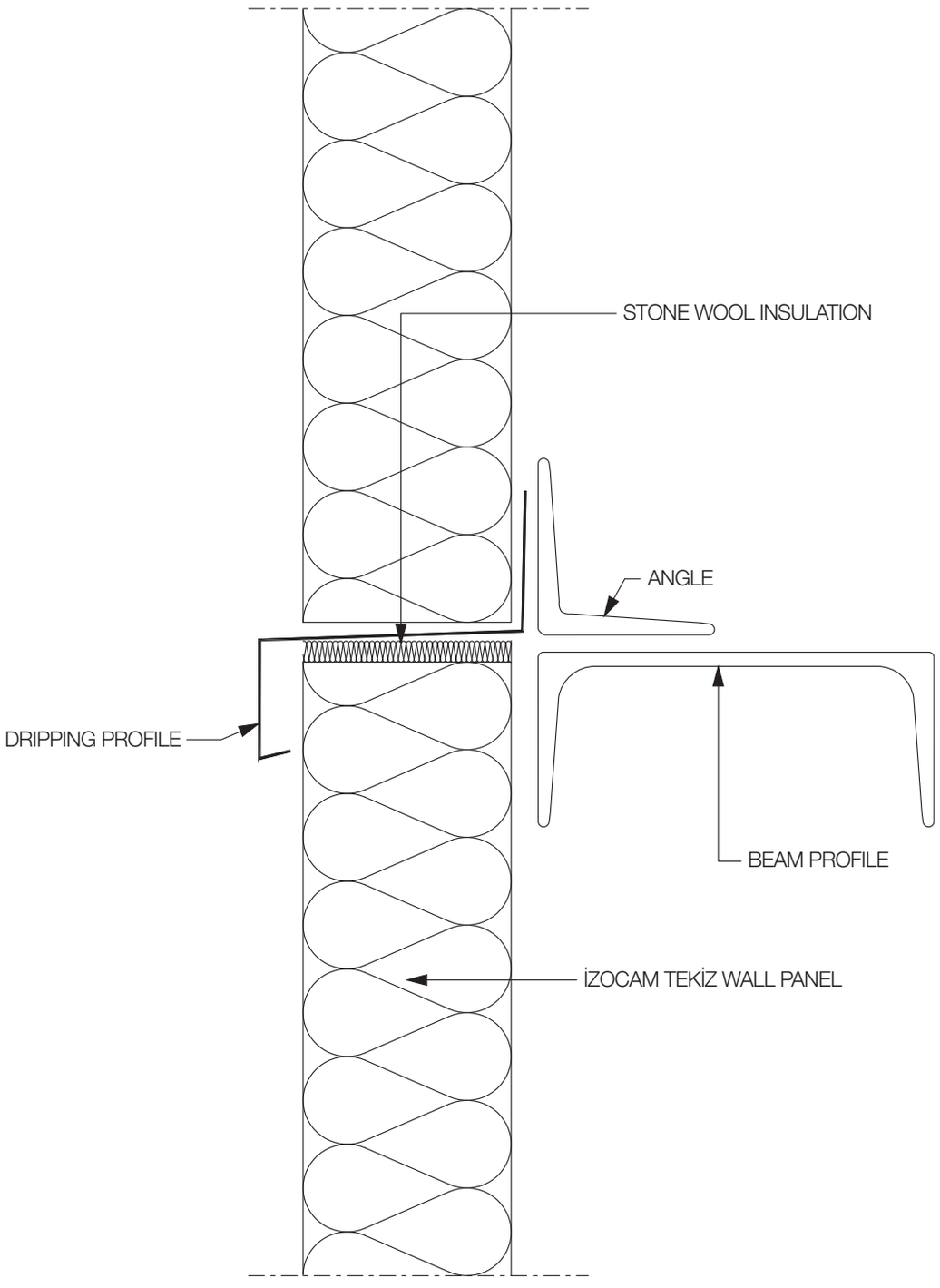
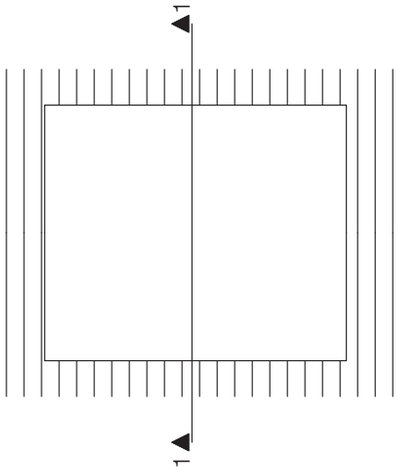
- Non-scaled

3.36 DRIPPING - PANEL CONNECTION DETAIL

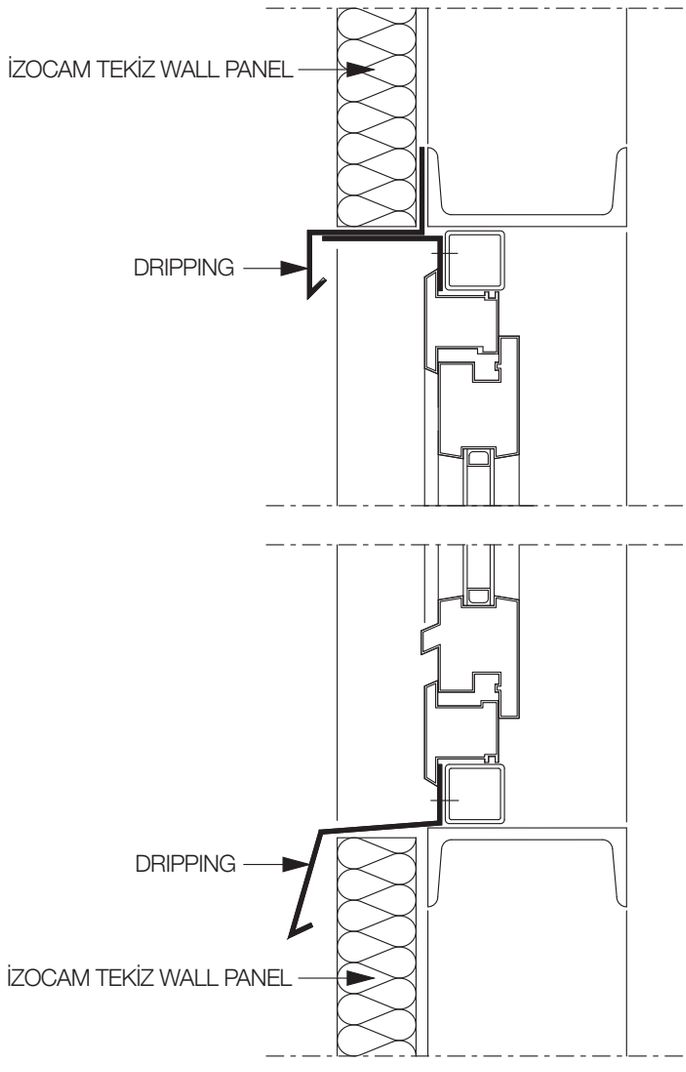


Detail No
36

3.37 WINDOW DETAIL



TYPICAL WINDOW ELEVATION



SECTION 1-1

Detail No 37

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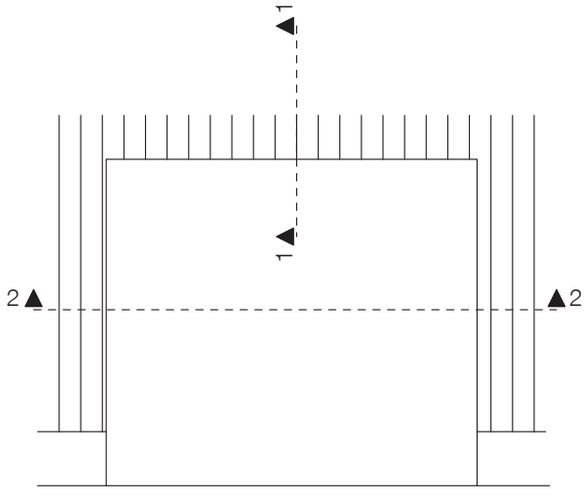
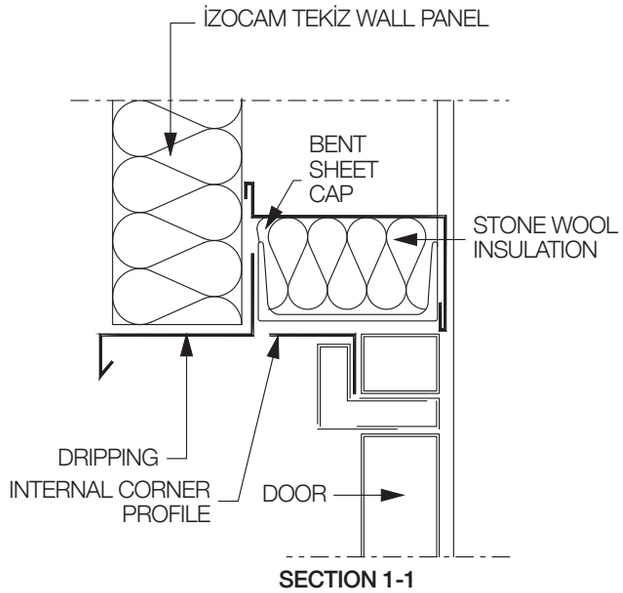
- Non-scaled

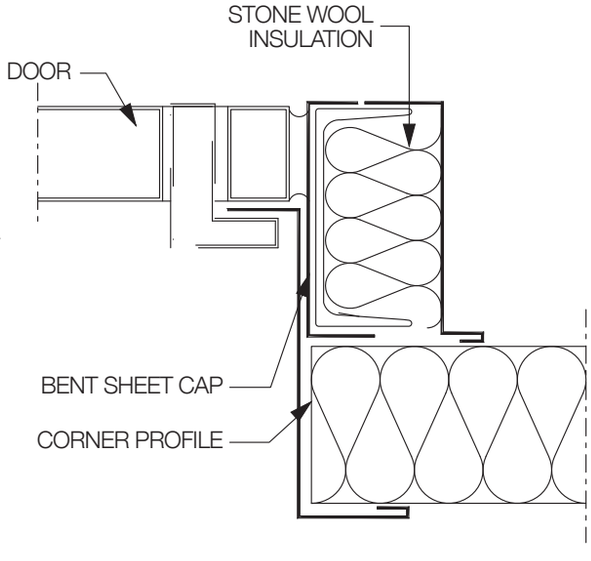
3.38 DOOR DETAIL



TYPICAL DOOR ELEVATION



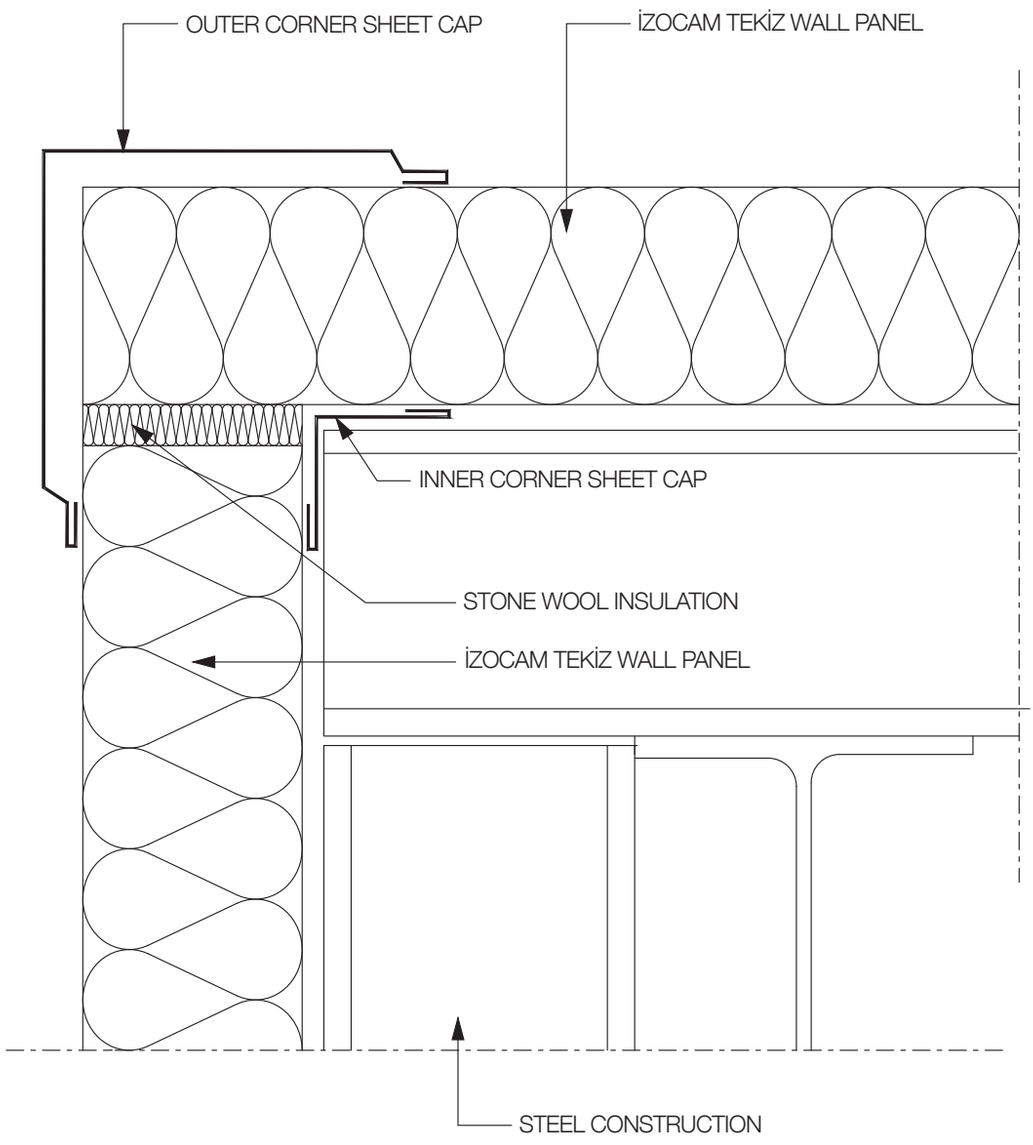
SECTION 1-1



SECTION 2-2

Detail No
38

3.39 OUTER CORNER DETAIL



Detail No 39

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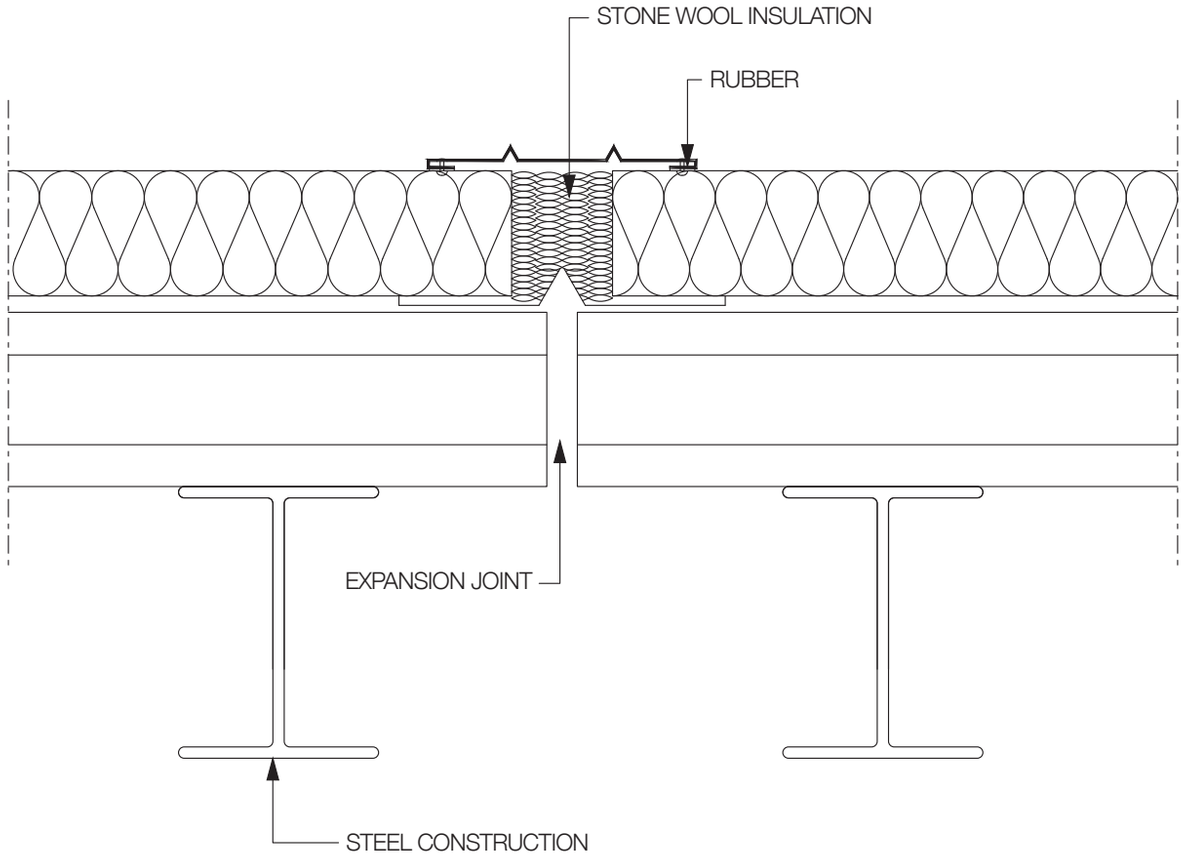
- Non-scaled

3.40 EXPANSION JOINT DETAIL



Detail No
40

3.41 REINFORCED CONCRETE CONNECTION EXPANSION JOINT DETAIL

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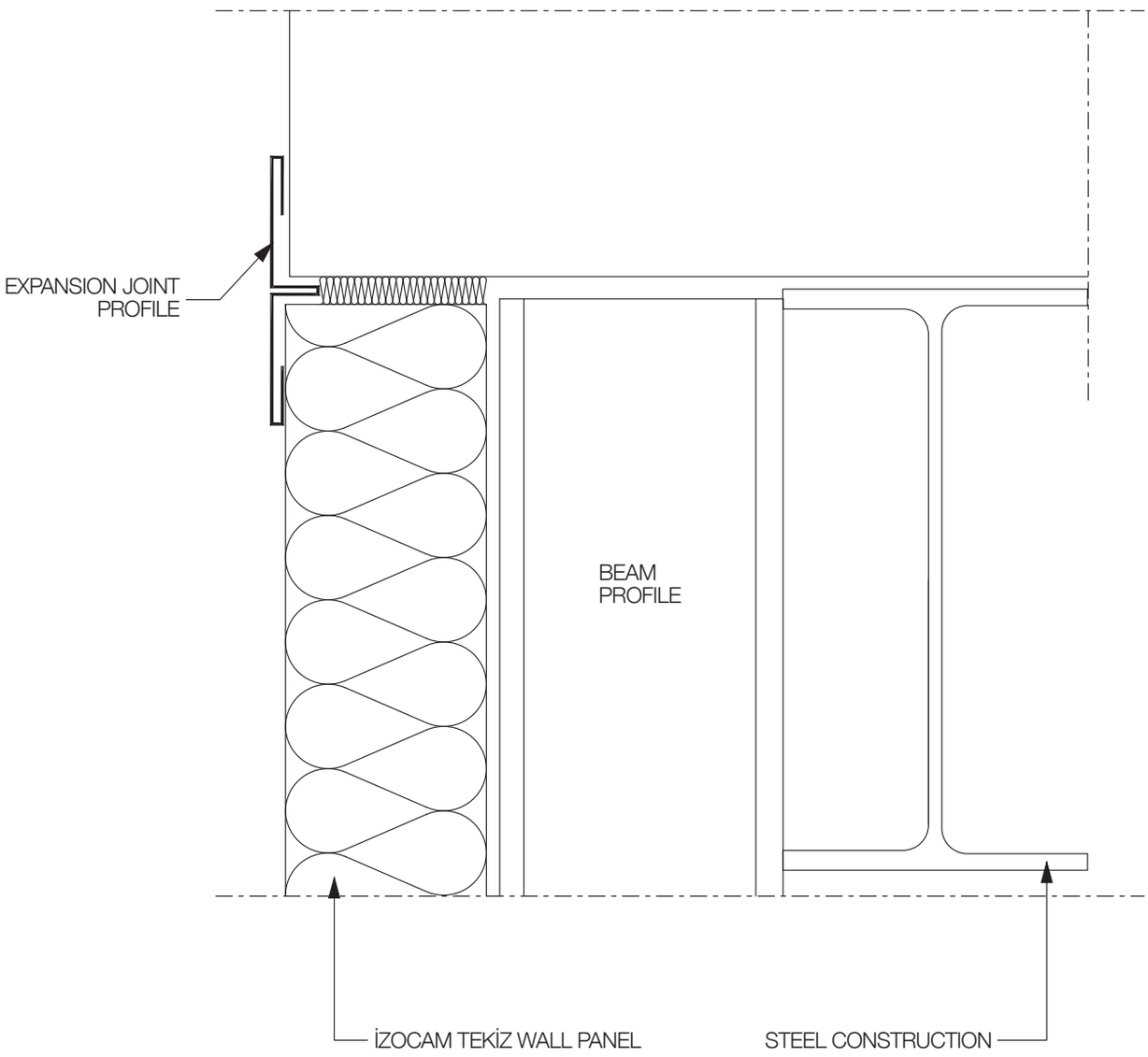

Detail No 41

- Constructions used in the details are advisory. Each project should be assessed and controlled based on its own conditions.
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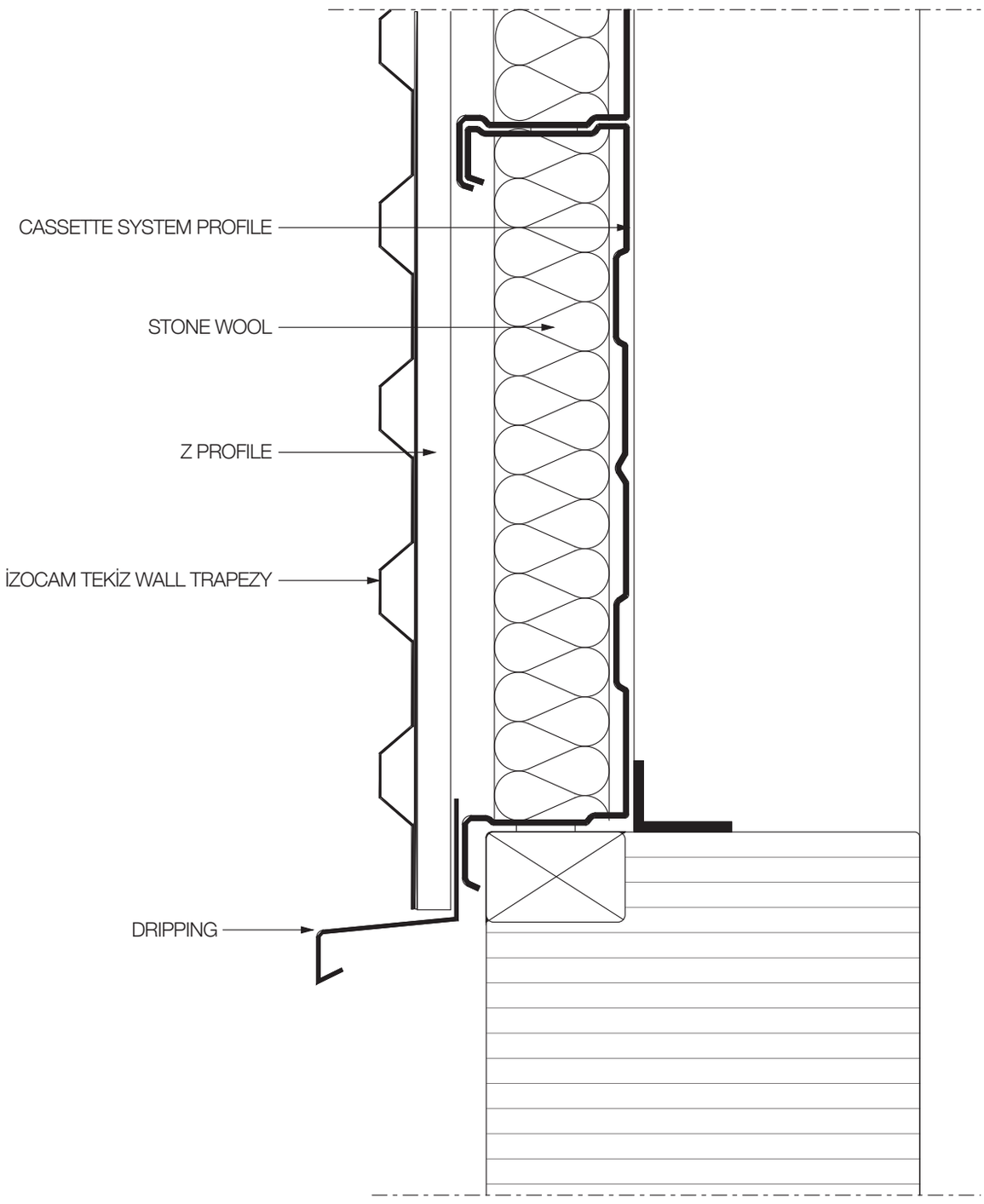
- Non-scaled

3.42 DETAIL OF DRIP WITH HORIZONTAL FACADE APPLICATION



Detail No
42

3.43 DRIPPING DETAIL WITH VERTICAL FACADE APPLICATION

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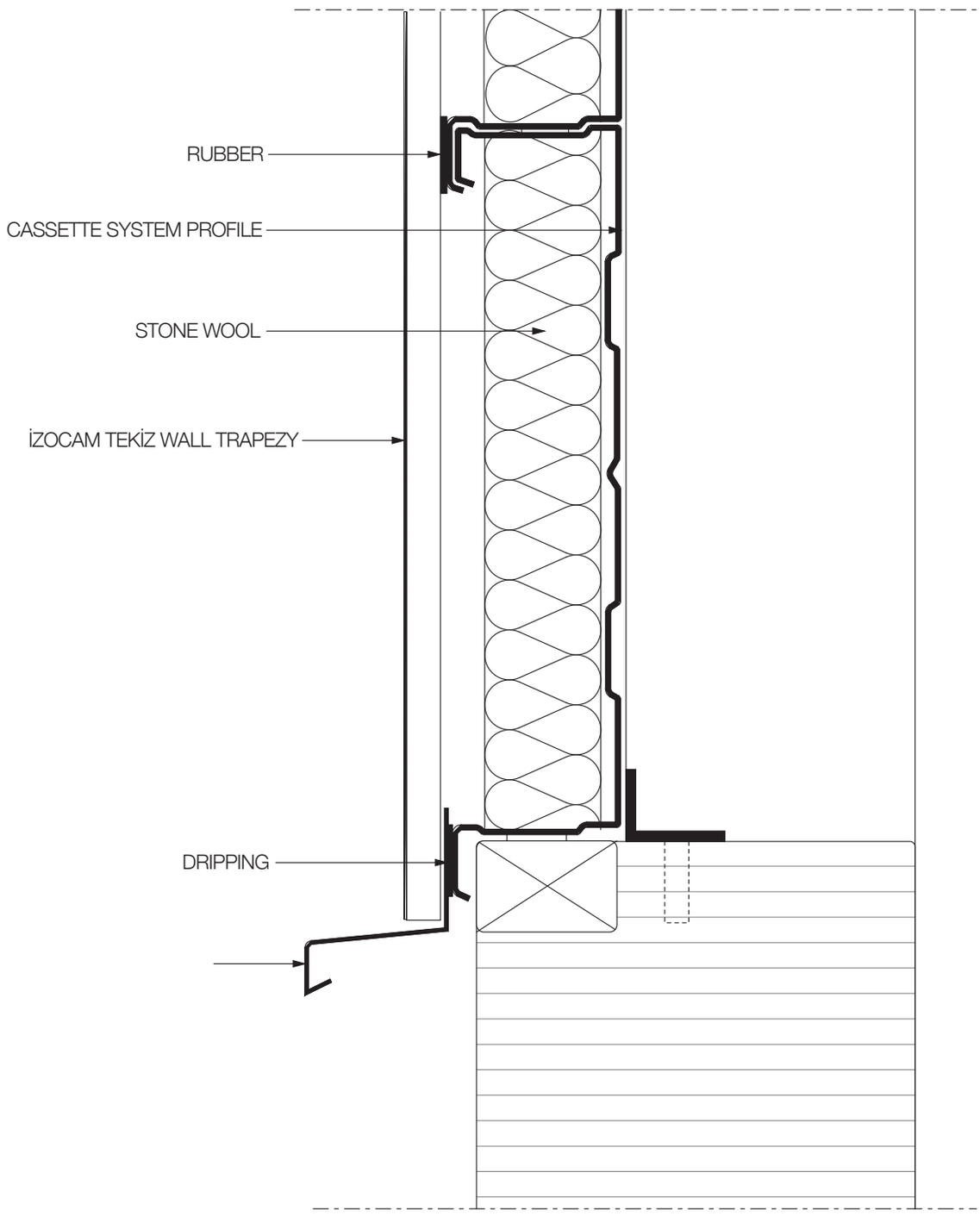

Detail No 43

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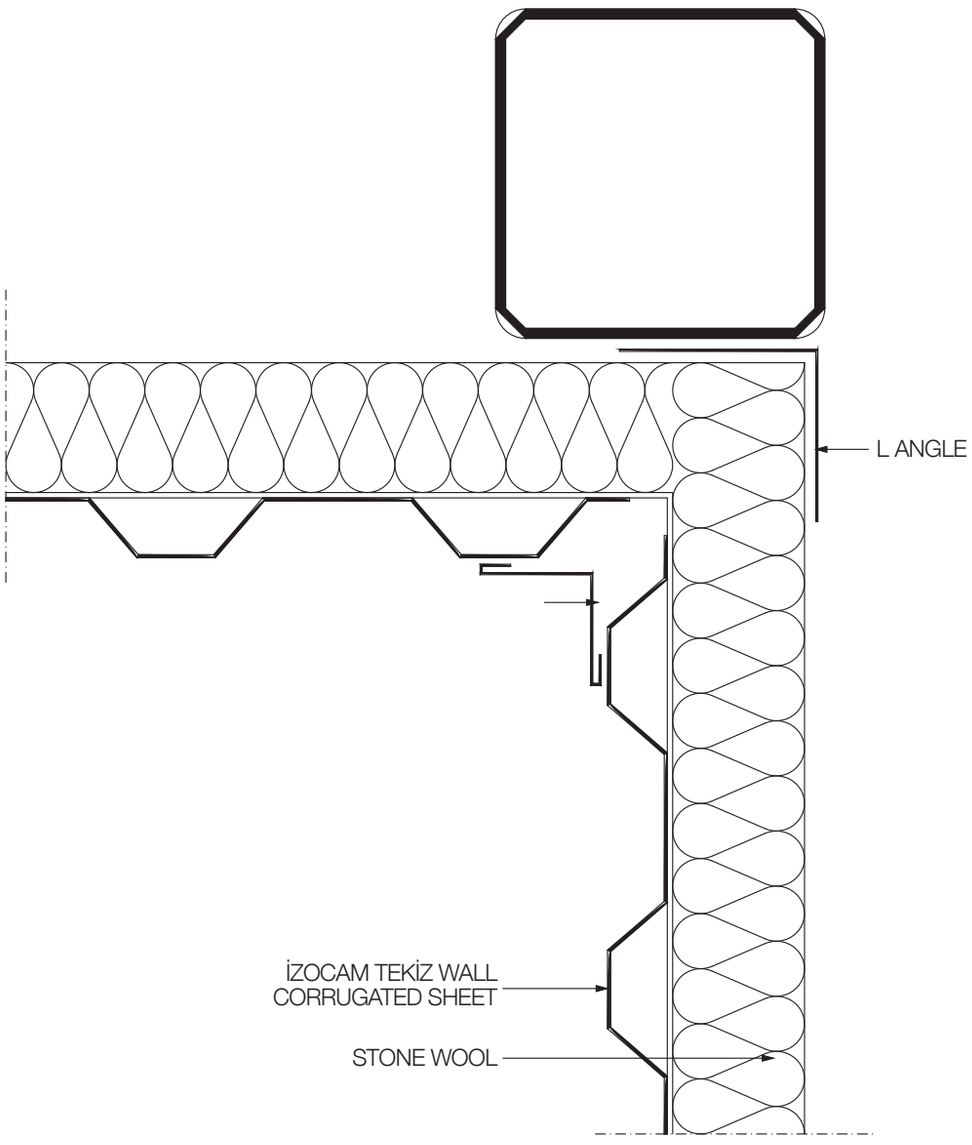
- Non-scaled

3.44 CASSETTE SYSTEM INNER CORNER DETAIL



Detail No
44

3.45 CASSETTE SYSTEM OUTER CORNER DETAIL

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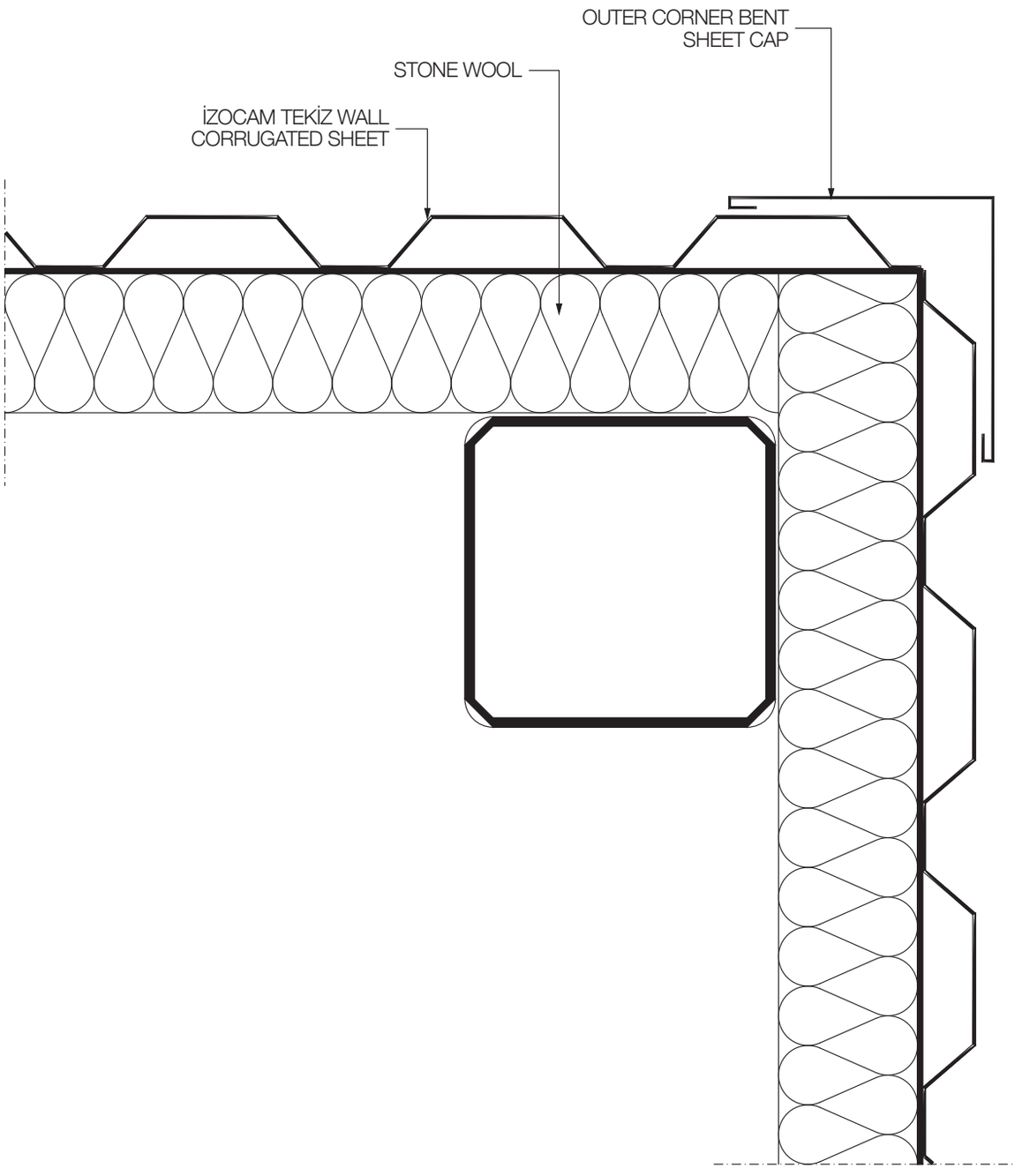

Detail No 45

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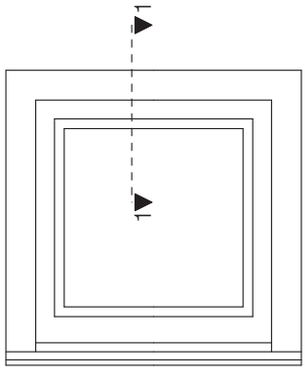
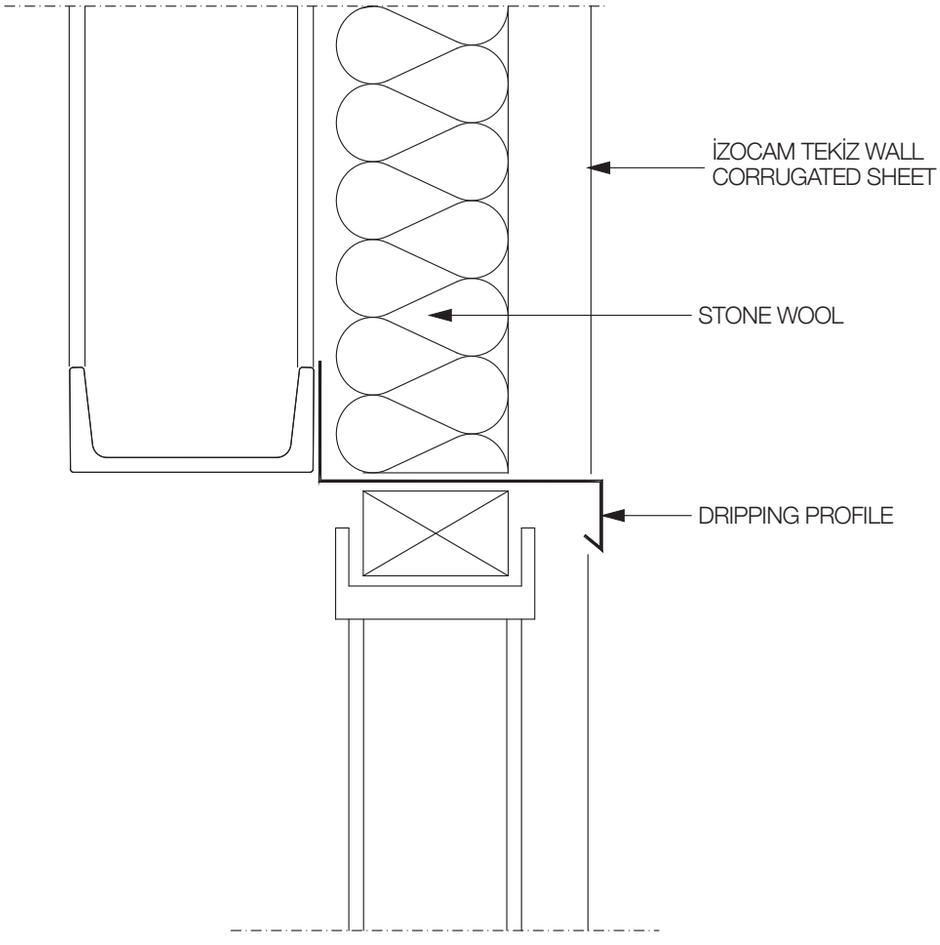
- Non-scaled

3.46 UPPER WINDOW DRIPPING DETAIL



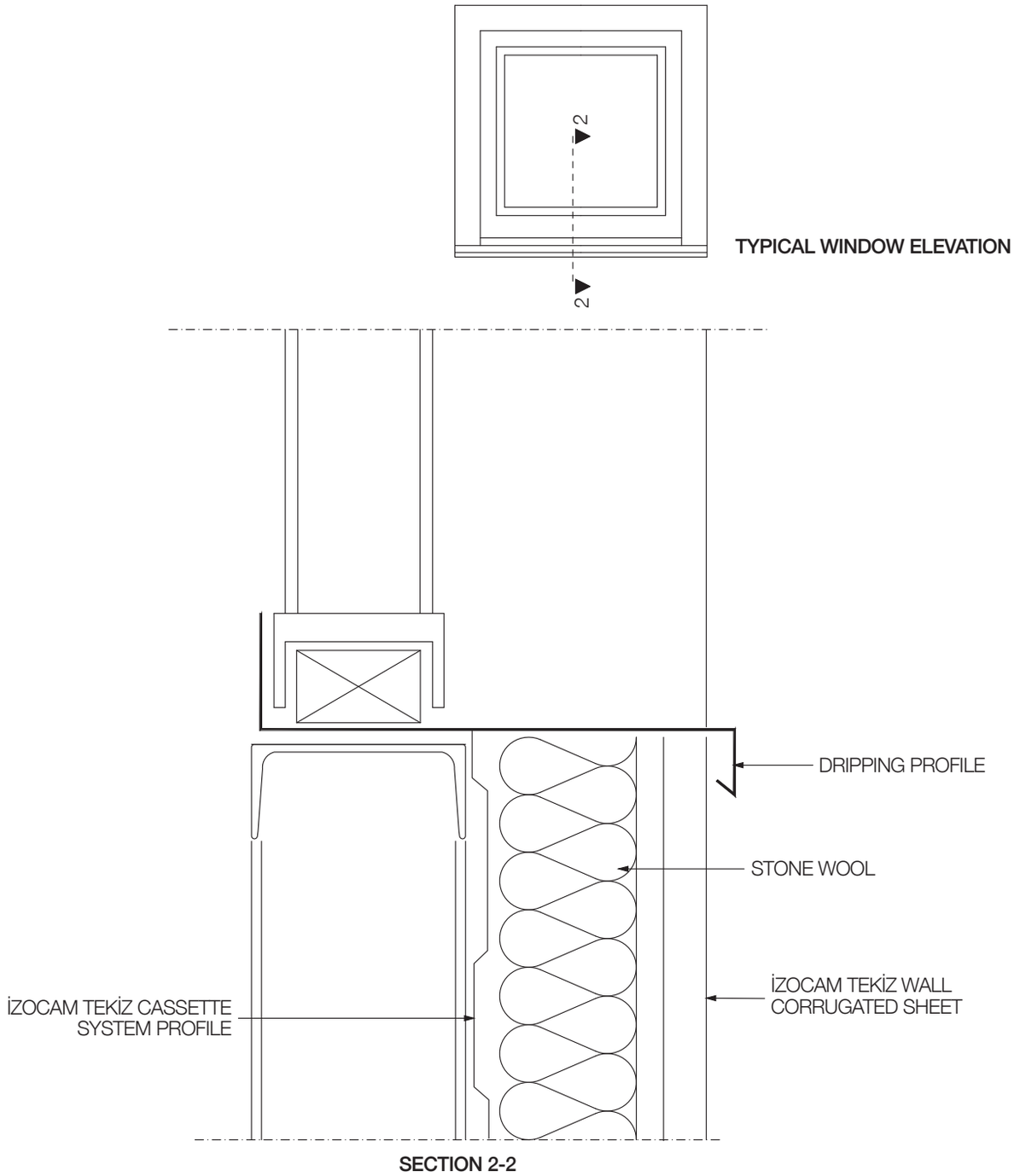
TYPICAL WINDOW ELEVATION



SECTION 1-1

Detail No
46

3.47 LOWER WINDOW DRIPPING DETAIL



TYPICAL WINDOW ELEVATION

SECTION 2-2

Detail No 47

- Constructions used in the details are advisory. Each project should be assessed and controlled based on its own conditions.
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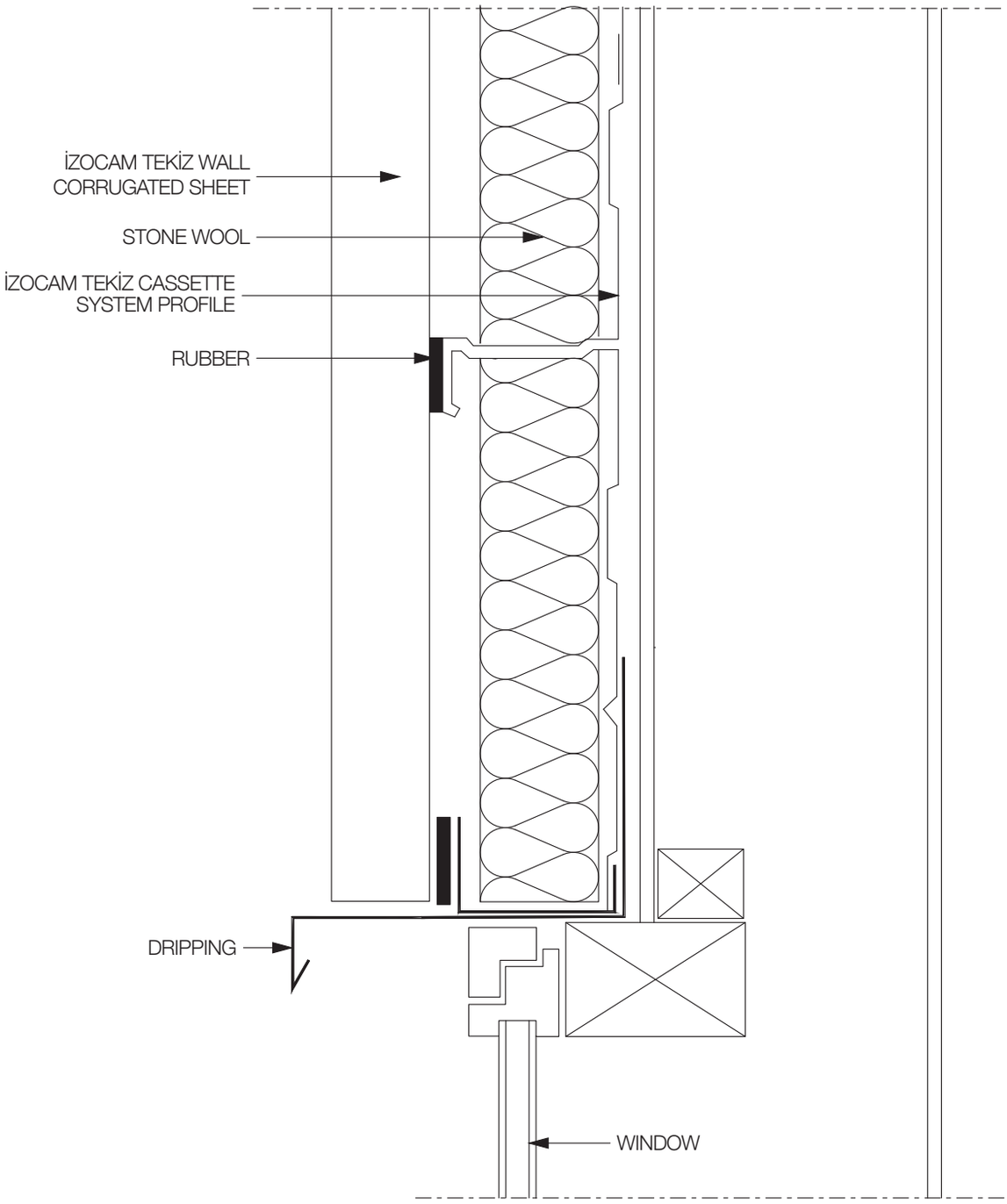
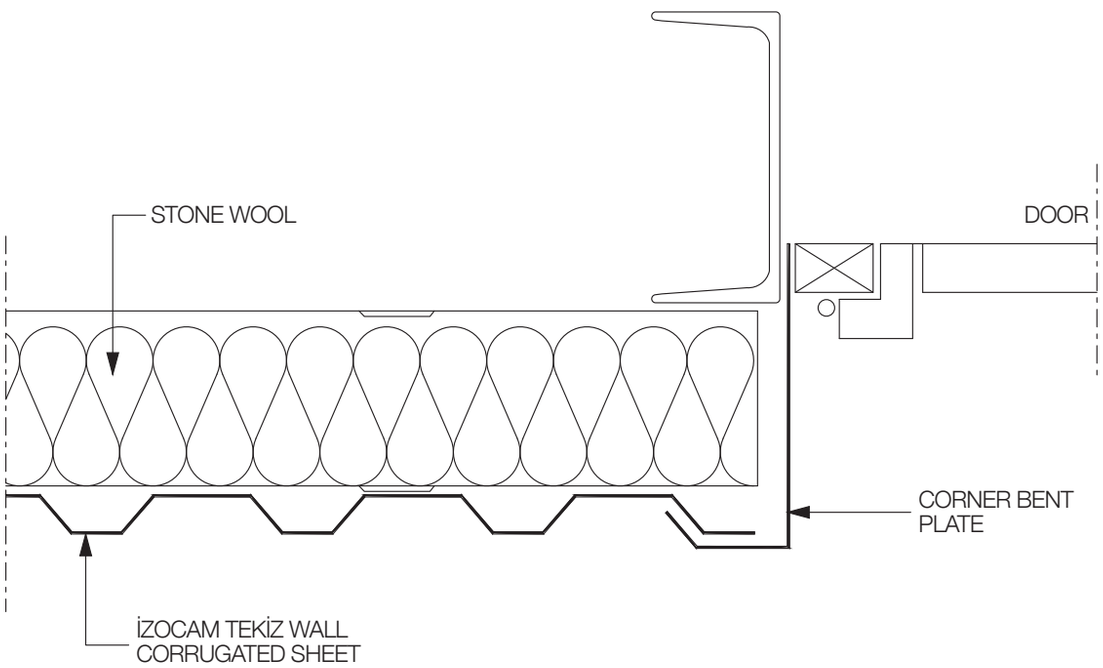
- Non-scaled

3.48 DOOR DRIPPING DETAIL



Detail No
48

3.49 DOOR EDGE BENT PLATE DETAIL



Detail No 49

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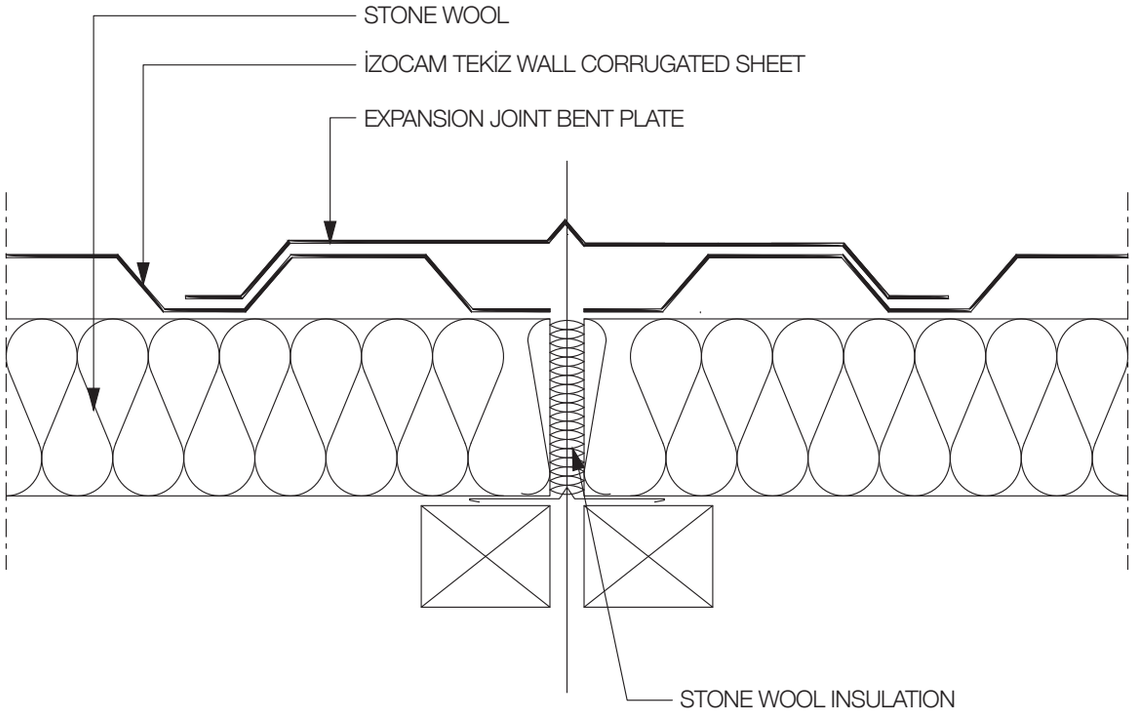
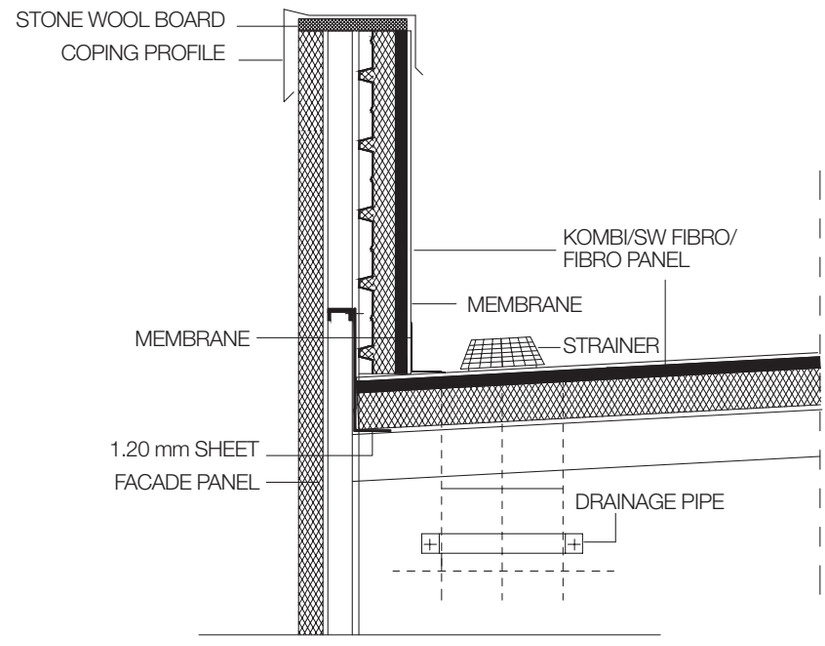
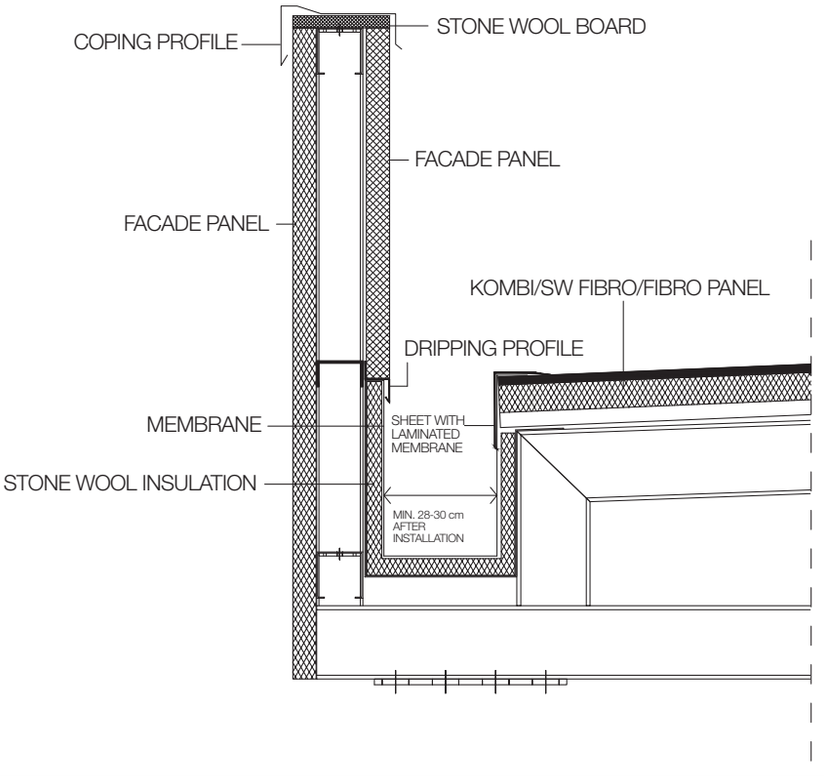
3.50 EXPANSION JOINT DETAIL



Detail No
50

3.51 MEMBRANE ROOF GUTTER DETAIL





Detail No 51

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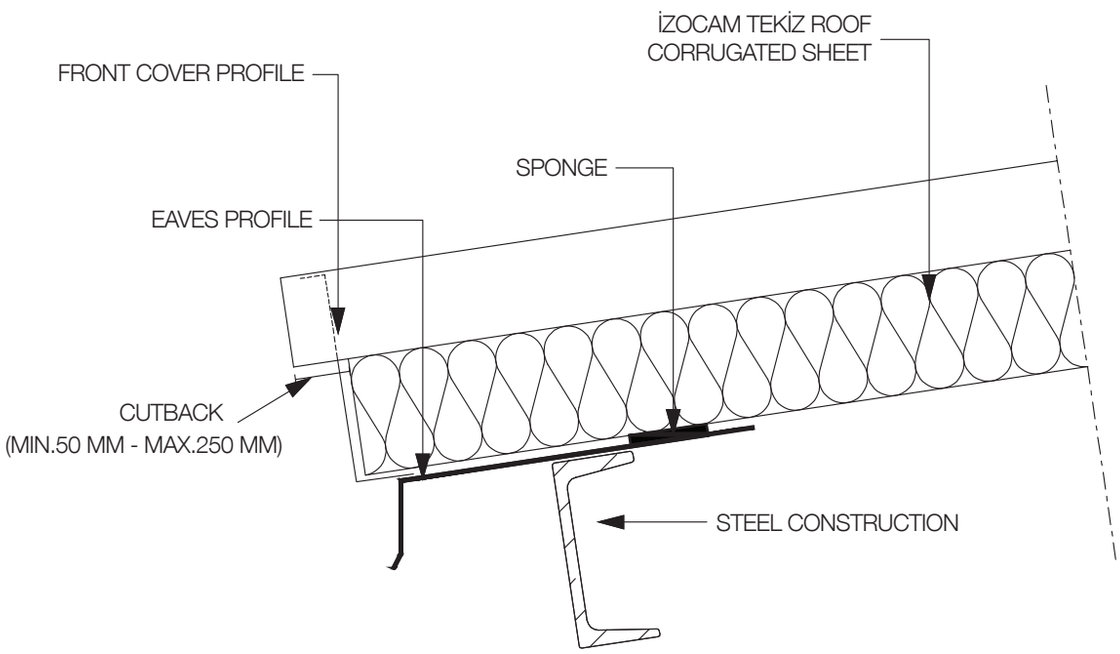
3.52 STONE WOOL FRONT COVER DETAIL



Detail No 52

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