

Thermal Insulation

Thermal Insulation compliant with Minimum Environmental Criteria (CAM - Criteri Ambientali Minimi)





Insulation products



A complete range of thermal and acoustic insulation products

Soprema thermal insulation products embrace a range of different production types: extruded polystyrene foam, moulded expanded polystyrene, sintered expanded polystyrene, expanded polyurethane, cement-bonded mineral wood fibre.

The different types cover all the most typical building applications: thermal insulation of flat and sloping roofs, subfloors, floor coverings, architraves and pillars, foundations, interspaces, peripheral insulation of walls below ground level, thermal insulation of green roofs, under shingles, under bent tiles, ventilated walls and external thermal insulation composite systems.

Technical reference standards

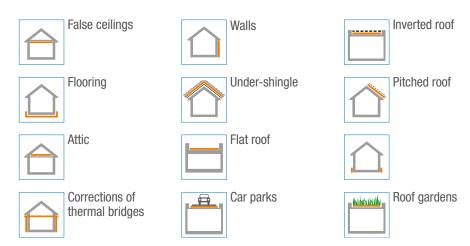
UNI EN 13163: Thermal insulation products for buildings - Factory made expanded polystyrene (EPS) products - Specification

UNI EN 13164: Thermal insulation products for buildings - Factory made extruded polystyrene foam (XPS) products - Specification

UNI EN 13165: Thermal insulation products for buildings - Factory made rigid polyurethane foam (PU) products - Specification

UNI EN 13168: Thermal insulation products for buildings - Factory made wood wool (WW) products - Specification

Key for intended use







Sopra XPS Multi 20

Rough-surface insulation panels in extruded polystyrene foam XPS.

Rough-surface insulation panels in extruded polystyrene foam XPS with CE marking compliant with Standard UNI EN 13164, with thermal conductivity $\lambda_{_{D}}\!=\!0.033\,\text{W/mK}$ Standard EN 12667, Compressive strength \geq 250 kPa Standard EN 826, Reaction to fire in Euroclass E, with Environmental Product Declaration EPD, compliant with Minimum Environmental Criteria (CAM - Criteri Ambientali Minimi).

Intended use

- ► Correction of thermal bridges on beams, pillars and floor slabs
- ► Sandwich panels

CHARACTERISTICS	VALUES
Declared thermal conductivity $\lambda_{\rm D}$ at 10°C (W/mK) - EN 12667	0.033
Compressive strength (kPa) - EN 826	≥ 250
Reaction to fire - EN 13501-1	Euroclass E
Thickness mm	20
Length mm	1250
Width mm	600
Type of surface	rough
Moulded edges	
Intended use	

Dimensions mm	Code	Panels in Pack	m²/pack	Packs/ pallet	m²/pallet	Avail. in days
20x600x1250	104698	21	15.75	12	189.00	on request

DESIGNATION CODE PURSUANT TO UNI EN 13164
XPS-EN 13164-T1-CS(10/Y)250

DOCUMENTS AVAILABLE ON WEBSITE www.soprema.it
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Price List
Declaration of Performance DOP - CE Marking
Technical Data Sheet TDS
Declaration of Conformity to Minimum Environmental Requirements CAM
Environmental Product Declaration EPD
Safety Data Sheet VSDS





Sopra XPS CR

Insulation panels in extruded polystyrene foam XPS.

Panels in extruded polystyrene foam XPS, with CE marking compliant with Standard UNI EN 13164, Compressive strength \geq 300 kPa Standard EN 826, Reaction to fire in Euroclass E, with Environmental Product Declaration EPD, compliant with Minimum Environmental Criteria (CAM - Criteri Ambientali Minimi)

Intended use

- ▶ Thermal insulation of flat roofs under ballast
- ► Thermal insulation of attics

CHARACTERISTICS	VALUES
Declared thermal conductivity $\lambda_{\rm D}$ at 10°C (W/mK) - EN 12667	30÷60:0.033 80÷140:0.035
Compressive strength (kPa) - EN 826	≥ 300
Reaction to fire - EN 13501-1	Euroclass E
Thickness mm	30 ÷ 140
Length mm	1250
Width mm	600
Type of surface	smooth
Moulded edges	
Intended use	

Code	Dimensions mm	Panels in Pack	m²/pack	Packs/ pallet	m²/pallet	Avail. in days
104715	30x600x1250	14	10.50	12	126.00	on request
104716	40x600x1250	10	7.50	12	90.00	on request
104717	50x600x1250	8	6.00	12	72.00	on request
104718	60x600x1250	7	5.25	12	63.00	on request
104719	80x600x1250	5	3.75	12	45.00	on request
105408	100x600x1250	4	3.00	12	36.00	on request
105412	120x600x1250	3	2.25	14	31.50	on request
115316	140x600x1250	3	2.25	12	27.00	on request

DESIGNATION CODE PURSUANT TO UNI EN 13164
30-50 mm : XPS-EN 13164-T1-CS(10\Y)300-WL(T)0,7- DS(70,90)-DLT(2)5-WD(V)3-FTCD1-MU150-TR200
60-80 mm: XPS-EN 13164-T1-CS(10\Y)300-WL(T)0,7- DS(70,90)-DLT(2)5-WD(V)2-FTCD1-MU150-TR200-CC(2/1,5/50)130
100-120 mm: XPS-EN 13164-T1-CS(10\Y)300-WL(T)0,7- DS(70,90)-DLT(2)5-WD(V)1-FTCD1-MU150-TR200-CC(2/1,5/50)130
140 mm: XPS-EN 13164-T1-CS(10\Y)300-WL(T)0,7- DS(70,90)-DLT(2)5-WD(V)1-FTCD1-MU150-TR200

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Sopra XPS SL

Insulation panels in extruded polystyrene foam XPS.

Panels in extruded polystyrene foam XPS, with CE marking compliant with Standard UNI EN 13164, Compressive strength ≥ 300 kPa Standard EN 826, Reaction to fire in Euroclass E, with Environmental Product Declaration EPD, compliant with Minimum Environmental Criteria (CAM - Criteri Ambientali Minimi)

Intended use

- ► Thermal insulation of flat roofs under ballast
- ► Thermal insulation of pitched roofs and attics

CHARACTERISTICS	VALUES
Declared thermal conductivity $\lambda_{\rm p}$ at 10°C (W/mK) - EN 12667	30÷60:0.033 80÷200:0.035 220÷300:0.036
Compressive strength (kPa) - EN 826	≥ 300
Reaction to fire - EN 13501-1	Euroclass E
Thickness mm	30 ÷ 300
Length mm	1250
Width mm	600
Type of surfac	smooth
Moulded edge	
Intended use	

Onde	Dimensions	Panels	2/	Packs/	2/v II - A	Avail. in
Code	mm	in Pack	m²/pack	pallet	m²/pallet	days
104671	30x600x1250	14	10.50	12	126.00	on request
104672	40x600x1250	10	7.50	12	90.00	on request
104673	50x600x1250	8	6.00	12	72.00	on request
104674	60x600x1250	7	5.25	12	63.00	on request
104675	80x600x1250	5	3.75	12	45.00	on request
104676	100x600x1250	4	3.00	12	36.00	on request
104677	120x600x1250	3	2.25	14	31.50	on request
106626	140x600x1250	3	2.25	12	27.00	on request
106627	160x600x1250	2	1.50	16	24.00	on request
110289	180x600x1250	2	1.50	14	21.00	on request
115312	200x600x1250	2	1.50	12	18.00	on request
109111	220x600x1250*	2	1.50	12	18.00	on request
115363	240x600x1250*	1	0.75	20	15.00	on request
109113	260x600x1250*	1	0.75	18	13.50	on request
109114	280x600x1250*	1	0.75	18	13.50	on request
109115	300x600x1250*	1	0.75	16	12.00	on request

^{*} Minimum batch 300 m²

DESIGNATION CODE PURSUANT TO UNI EN 13164

30-50 mm: XPS-EN 13164-T1-CS(10\Y)300-WL(T)0,7- DS(70,90)-DLT(2)5-WD(V)3-FTCD1-MU150-TR200

60-80 mm: XPS-EN 13164-T1-CS(10\Y)300-WL(T)0,7- DS(70,90)-DLT(2)5-WD(V)2-FTCD1-MU150-TR200-CC(2/1,5/50)130

 $\textbf{100-120 mm}: XPS-EN \ 13164-T1-CS(10\backslash Y)300-WL(T)0,7-DS(70,90)-DLT(2)5-WD(V)1-FTCD1-MU150-TR200-CC(2/1,5/50)130-DLT(2)5-WD(V)1-FTCD1-MU150-TR200-CC(2/1,5/50)130-DLT(2)5-WD(V)1-FTCD1-MU150-TR200-CC(2/1,5/50)130-DLT(2)5-WD(V)1-FTCD1-MU150-TR200-CC(2/1,5/50)130-DLT(2)5-WD(V)1-FTCD1-MU150-TR200-CC(2/1,5/50)130-DLT(2)5-WD(V)1-FTCD1-MU150-TR200-CC(2/1,5/50)130-DLT(2)5-WD(V)1-FTCD1-MU150-TR200-CC(2/1,5/50)130-DLT(2)5-WD(V)1-FTCD1-MU150-TR200-CC(2/1,5/50)130-DLT(2)5-WD(V)1-FTCD1-MU150-TR200-CC(2/1,5/50)130-DLT(2)5-WD(V)1-FTCD1-MU150-TR200-CC(2/1,5/50)130-DLT(2)5-WD(V)1-FTCD1-MU150-TR200-CC(2/1,5/50)130-DLT(2)5-WD(V)1-FTCD1-MU150-TR200-CC(2/1,5/50)130-DLT(2)5-WD(V)1-FTCD1-MU150-TR200-CC(2/1,5/50)130-DLT(2)5-WD(V)1-FTCD1-MU150-TR200-CC(2/1,5/50)130-DLT(2)5-WD(V)1-FTCD1-MU150-TR200-CC(2/1,5/50)130-DLT(2/1,5/50)-DLT(2/1,5/50$

140-300 mm: XPS-EN 13164-T1-CS(10\Y)300-WL(T)0,7- DS(70,90)-DLT(2)5-WD(V)1-FTCD1-MU150-TR200

DOCUMENTS AVAILABLE ON WEBSITE www.soprema.it

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Sopra XPS SL-HP

Insulation panels in extruded polystyrene foam XPS.

Insulation panels in extruded polystyrene foam XPS with CE marking compliant with Standard UNI EN 13164, with thermal conductivity $\lambda_{_{D}}=0.033$ W/mK Standard EN 12667, Compressive strength ≥ 300 kPa Standard EN 826, Reaction to fire in Euroclass E, with Environmental Product Declaration EPD, compliant with Minimum Environmental Criteria (CAM - Criteri Ambientali Minimi)

Intended use

- ▶ Thermal insulation of flat roofs under ballast
- ► Thermal insulation of pitched roofs and attics

CHARACTERISTICS	VALUES
CHANACIENISTICS	VALUES
Declared thermal conductivity $\lambda_{\rm D}$ at 10°C (W/mK) - EN 12667	0.033
Compressive strength (kPa) - EN 826	≥ 300
Reaction to fire - EN 13501-1	Euroclass E
Thickness mm	80 ÷ 140
Length mm	1250
Width mm	600
Type of surface	smooth
Moulded edges	
Intended use	

Code	Dimensions mm	Panels in Pack	m²/pack	Packs/ pallet	m²/pallet	Avail. in days
158852	80x600x1250	5	3.75	12	45.00	on request
158853	100x600x1250	4	3.00	12	36.00	on request
158854	120x600x1250	3	2.25	14	31.50	on request
158855	140x600x1250	3	2.25	12	27.00	on request

DESIGNATION CODE PURSUANT TO UNI EN 13164
XPS-EN 13164-T1-CS(10\Y)300-WL(T)0,7- DS(70,90)-DLT(2)5-WD(V)1-FTCD1-MU150-TR200

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Sopra XPS CW

Insulation panels in extruded polystyrene foam XPS.

Panels in extruded polystyrene foam XPS, with CE marking compliant with Standard UNI EN 13164, Compressive strength \geq 250 kPa Standard EN 826, Reaction to fire in Euroclass E, with Environmental Product Declaration EPD, compliant with Minimum Environmental Criteria (CAM - Criteri Ambientali Minimi).

Intended use

► Thermal insulation of pitched roofs

CHARACTERISTICS	VALUES
Declared thermal conductivity $\lambda_{\rm p}$ at 10°C (W/mK) - EN 12667	30 ÷ 60 mm : 0.033 80 ÷ 140 mm : 0.035
Compressive strength (kPa) - EN 826	≥ 250
Reaction to fire - EN 13501-1	Euroclass E
Thickness mm	30 ÷ 140
Length mm	2500
Width mm	600
Type of surface	smooth
Moulded edges on long sides	 }
Intended use	

Code	Dimensions mm	Panels in Pack	m²/pack	Packs/ pallet	m²/pallet	Avail. in days
104686	30x600x2500	14	21.00	12	252.00	on request
104687	40x600x2500	10	15.00	12	180.00	on request
104688	50x600x2500	8	12.00	12	144.00	on request
104689	60x600x2500	7	10.50	12	126.00	on request
104690	80x600x2500	5	7.50	12	90.00	on request
104691	100x600x2500	4	6.00	12	72.00	on request
104692	120x600x2500	3	4.50	14	63.00	on request
115148	140x600x2500	3	4.50	12	54.00	on request

DESIGNATION CODE PURSUANT TO UNI EN 13164
30-50 mm : XPS-EN 13164-T1-CS(10\Y)250-WL(T)0,7 - DS(70,90)-DLT(2)5-WD(V)3-MU150- TR200
60-80 mm : XPS-EN 13164-T1-CS(10\Y)250-WL(T)0,7 - DS(70,90)-DLT(2)5-WD(V)2-MU150- TR200
100÷140 mm: XPS-EN 13164-T1-CS(10\Y)250-WL(T)0,7 - DS(70,90)-DLT(2)5-WD(V)1-MU150-TR200

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Sopra XPS WF

Wafer-surface insulation panels in extruded polystyrene foam XPS.

Wafer-surface panels in extruded polystyrene foam XPS, with CE marking compliant with Standard UNI EN 13164, Compressive strength \geq 300 kPa Standard EN 826, Reaction to fire in Euroclass E, with Environmental Product Declaration EPD, compliant with Minimum Environmental Criteria (CAM - Criteri Ambientali Minimi).

Intended use

- ► Correction of thermal bridges on beams, pillars and floor slabs
- ► Skirting of external thermal insulation composite system

CHARACTERISTICS	VALUES
Declared thermal conductivity $\lambda_{\rm D}$ at 10°C (W/mK) - EN 12667	30÷60:0.033 80÷200:0.035 220÷300:0.036
Compressive strength (kPa) - EN 826	≥ 300
Reaction to fire - EN 13501-1	Euroclass E
Thickness mm	30 ÷ 300
Length mm	1250
Width mm	600
Type of surface	wafered
Moulded edges	
Intended use	

Code	Dimensions mm	Panels in Pack	m²/pack	Packs/ pallet	m²/pallet	Avail. in days
109014	30x600x1250	14	10.50	12	126.00	on request
109015	40x600x1250	10	7.50	12	90.00	on request
109016	50x600x1250	8	6.00	12	72.00	on request
109017	60x600x1250	7	5.25	12	63.00	on request
109081	80x600x1250	5	3.75	12	45.00	on request
109082	100x600x1250	4	3.00	12	36.00	on request
109083	120x600x1250	3	2.25	14	31.50	on request
109084	140x600x1250	3	2.25	12	27.00	on request
115239	160x600x1250	2	1.50	16	24.00	on request
109086	180x600x1250	2	1.50	14	21.00	on request
116159	200x600x1250	2	1.50	12	18.00	on request
109122	220x600x1250*	2	1.50	12	18.00	on request
109123	240x600x1250*	1	0.75	20	15.00	on request
109790	260x600x1250*	1	0.75	18	13.50	on request
119173	280x600x1250*	1	0.75	18	13.50	on request
115344	300x600x1250*	1	0.75	16	12.00	on request

^{*} Minimum batch 300 m²

DESIGNATION CODE PURSUANT TO UNI EN 13164
30-50 mm : XPS-EN 13164-T1-CS(10\Y)300-WL(T)0,7- DS(70,90)-DLT(2)5-WD(V)3 -FTCD1-MU150-TR200
60-80 mm: XPS-EN 13164-T1-CS(10\Y)300-WL(T)0,7- DS(70,90)-DLT(2)5-WD(V)2 -FTCD1-MU150-TR200
100÷300 mm: XPS-EN 13164-T1-CS(10\Y)300-WL(T)0,7- DS(70,90)-DLT(2)5-WD(V)1 -FTCD1-MU150-TR200

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Sopra XPS 500

Insulation panels in extruded polystyrene foam XPS.

Panels in extruded polystyrene foam XPS, with CE marking compliant with Standard UNI EN 13164, Compressive strength ≥ 500 kPa Standard EN 826, Reaction to fire in Euroclass E, with Environmental Product Declaration EPD, compliant with Minimum Environmental Criteria (CAM - Criteri Ambientali Minimi).

Intended use

- ▶ Thermal insulation of civil and industrial subfloors
- ► Thermal insulation of car parks

CHARACTERISTICS	VALUES
Declared thermal conductivity $\lambda_{\rm p}$ at 10°C (W/mK) - EN 12667	50-60:0.033 80÷200:0.035 220÷300:0.036
Compressive strength (kPa) - EN 826	≥ 500
Reaction to fire - EN 13501-1	Euroclass E
Thickness mm	50÷300
Length mm	1250
Width mm	600
Type of surface	smooth
Moulded edges	
Intended use	

Code	Dimensions mm	Panels in Pack	m²/pack	Packs/ pallet	m²/pallet	Avail. in days
104700	50x600x1250	8	6.00	12	72.00	on request
104701	60x600x1250	7	5.25	12	63.00	on request
104702	80x600x1250	5	3.75	12	45.00	on request
104703	100x600x1250	4	3.00	12	36.00	on request
104704	120x600x1250	3	2.25	14	31.50	on request
114147	140x600x1250	3	2.25	12	27.00	on request
115241	160x600x1250	2	1.50	16	24.00	on request
109013	180x600x1250	2	1.50	14	21.00	on request
116160	200x600x1250	2	1.50	12	18.00	on request
109117	220x600x1250*	2	1.50	12	18.00	on request
109784	240x600x1250*	1	0.75	20	15.00	on request
109118	260x600x1250*	1	0.75	18	13.50	on request
109785	280x600x1250*	1	0.75	18	13.50	on request
109759	300x600x1250*	1	0.75	16	12.00	on request

^{*} Minimum batch 300 m²

DESIGNATION CODE PURSUANT TO UNI EN 13164

 $\textbf{50 mm}: XPS-EN \ 13164-T1-CS(10\backslash Y)500-WL(T)0,7-DS(70,90)-DLT(2)5-WD(V)3-FTCD1-MU150-TR200-CC(2/1,5/50)180$

 $\textbf{60 mm}: XPS-EN \ 13164-T1-CS(10\backslash Y)500-WL(T)0,7-DS(70,90)-DLT(2)5-WD(V)2-FTCD1-MU150-TR200-CC(2/1,5/50)180$

80÷300 mm: XPS-EN 13164-T1-CS(10\Y)500-WL(T)0,7 - DS(70,90)-DLT(2)5-WD(V)-FTCD1-MU150-TR200- CC(2/1,5/50)180

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Sopra XPS 700

Insulation panels in extruded polystyrene foam XPS.

Panels in extruded polystyrene foam XPS, with CE marking compliant with Standard UNI EN 13164, Compressive strength ≥ 700 kPa Standard EN 826, Reaction to fire in Euroclass E, with Environmental Product Declaration EPD, compliant with Minimum Environmental Criteria (CAM - Criteri Ambientali Minimi)

Intended use

- ▶ Thermal insulation of civil and industrial subfloors
- ► Thermal insulation of car parks

CHARACTERISTICS	VALUES		
Declared thermal conductivity λ_{D} at 10°C (W/mK) - EN 12667	60:0.033 80÷200:0.035 220÷300:0.036		
Compressive strength (kPa) - EN 826	≥ 700		
Reaction to fire - EN 13501-1	Euroclass E		
Thickness mm	60 ÷300		
Length mm	1250		
Width mm	600		
Type of surface	smooth		
Moulded edges			
Intended use			

Code	Dimensions mm	Panels in Pack	m²/pack	Packs/ pallet	m²/pallet	Avail. in days
105481	60x600x1250	7	5.25	12	63.00	on request
105477	80x600x1250	5	3.75	12	45.00	on request
105478	100x600x1250	4	3.00	12	36.00	on request
106660	120x600x1250	3	2.25	14	31.50	on request
109094	140x600x1250	3	2.25	12	27.00	on request
115242	160x600x1250	2	1.50	16	24.00	on request
114766	180x600x1250	2	1.50	14	21.00	on request
109120	200x600x1250	2	1.50	12	18.00	on request
109786	220x600x1250*	2	1.50	12	18.00	on request
109787	240x600x1250*	1	0.75	20	15.00	on request
109788	260x600x1250*	1	0.75	18	13.50	on request
109760	280x600x1250*	1	0.75	18	13.50	on request
109761	300x600x1250*	1	0.75	16	12.00	on request

^{*} Minimum batch 300 m²

DESIGNATION CODE PURSUANT TO UNI EN 13164

 $\textbf{60 mm}: XPS-EN \ 13164-T1-CS(10\backslash Y)700-WL(T)0,7-DS(70,90)-DLT(2)5-WD(V)2-FTCD1-MU150-TR200-CC(2/1,5/50)250$

80÷300 mm: XPS-EN 13164-T1-CS(10\Y)700-WL(T)0,7 - DS(70,90)-DLT(2)5-WD(V)1-FTCD1-MU150-TR200-CC(2/1,5/50)250

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Neostir TR 100 ECO

Insulation panels in expanded polystyrene EPS obtained from a block.

Insulation panels in grey expanded polystyrene EPS additivated with graphite, with CE marking compliant with Standard UNI EN 13163, Thermal conductivity $\lambda_{_D}=0.031$ W/mK, with Environmental Product Declaration EPD, compliant with Minimum Environmental Criteria (CAM - Criteri Ambientali Minimi)

Intended use

► Thermal insulation with external thermal insulation composite system

CHARACTERISTICS	VALUES
Class	TR 100
Declared thermal conductivity $\lambda_{\rm D}$ at 10°C (W/mK) - EN 12667	0.031
Reaction to fire - EN 13501-1	Euroclass E
Thickness mm	20÷300
Length mm	1000
Width mm	500
Moulded edges	
Intended use	

Minimum production batch: 4.8 m³

Code	Dimensions mm	Panels in Pack	Avail. in days
116435	20x500x1000	30	on request
116436	30x500x1000	20	on request
116437	40x500x1000	15	on request
116438	50x500x1000	12	on request
116454	60x500x1000	10	on request
116456	80x500x1000	7	on request
116458	100x500x1000	6	on request
116459	120x500x1000	5	on request
116460	140x500x1000	4	on request
116463	160x500x1000	3	on request
116464	180x500x1000	3	on request
116465	200x500x1000	3	on request
116466	220x500x1000	2	on request
116467	240x500x1000	2	on request
116468	260x500x1000	2	on request
116469	280x500x1000	2	on request
116470	300x500x1000	2	on request

DESIGNATION CODE PURSUANT TO UNI EN 13163

Panels 1000x500 mm : EPS-EN 13163-T1-W2-L2-S2-P3-DS(N)2-DS(70,-)1-CS(10/Y)100-TR150-BS150-WL(P)0,5-MU(30-70)

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Neostir EPS 100 ECO

Insulation panels in expanded polystyrene EPS obtained from a block.

Insulation panels in grey expanded polystyrene EPS additivated with graphite, with CE marking compliant with Standard UNI EN 13163, with Thermal conductivity $\lambda_{\scriptscriptstyle D}=0.030$ W/mK Standard EN 12667, with Environmental Product Declaration EPD, compliant with Minimum Environmental Criteria (CAM - Criteri Ambientali Minimi)

Intended use

► Thermal insulation with external thermal insulation composite system

CHARACTERISTICS	VALUES
Class	100
Declared thermal conductivity $\lambda_{\rm D}$ at 10°C (W/mK) - EN 12667	0.030
Reaction to fire - EN 13501-1	Euroclass E
Thickness mm	20÷300
Length mm	1000
Width mm	500
Moulded edges	
Intended use	

Minimum production batch: 4.8 m3

Code	Dimensions mm	Panels in Pack	Avail. in days
110423	20x500x1000	30	on request
109642	30x500x1000	20	on request
109644	40x500x1000	15	on request
114226	50x500x1000	12	on request
113312	60x500x1000	10	on request
113961	80x500x1000	7	on request
113960	100x500x1000	6	on request
110427	120x500x1000	5	on request
113313	140x500x1000	4	on request
113311	160x500x1000	3	on request
112605	180x500x1000	3	on request
112606	200x500x1000	3	on request
159171	220x500x1000	2	on request
159173	240x500x1000	2	on request
156303	260x500x1000	2	on request
159174	280x500x1000	2	on request
152302	300x500x1000	2	on request

DESIGNATION CODE PURSUANT TO UNI EN 13163

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Neostir EPS 150 ECO

Insulation panels in expanded polystyrene EPS obtained from a block.

Insulation panels in grey expanded polystyrene EPS additivated with graphite, with CE marking compliant with Standard UNI EN 13163, with Thermal conductivity $\lambda_{_D} = 0.030$ W/mK Standard EN 12667 with Compressive strength \geq 150 kPa, with Environmental Product Declaration EPD, compliant with Minimum Environmental Criteria (CAM - Criteri Ambientali Minimi)

Intended use

► Insulation of flat warm roofs with waterproofing with PVC-TPO synthetic membranes

CHARACTERISTICS	VALUES
Class	150
Declared thermal conductivity λ_{D} at 10°C (W/mK) - EN 12667	0.030
Compressive strength (kPa) - EN 826	≥ 150
Reaction to fire - EN 13501-1	Euroclass E
Thickness mm	20÷300
Length mm	2000
Width mm	1000
Moulded edges	
Intended use	

 $\label{eq:main_model} \begin{tabular}{ll} Minimum production batch: 4.8 m^3 \\ On request, possibility to supply panels \\ with perimeter rebate \\ \end{tabular}$

Code	Dimensions mm	Panels in Pack	Avail. in days
159104	20x1000x2000	30	on request
159106	30x1000x2000	20	on request
156630	40x1000x2000	15	on request
156631	50x1000x2000	12	on request
156632	60x1000x2000	10	on request
156634	80x1000x2000	7	on request
157168	100x1000x2000	6	on request
156417	120x1000x2000	5	on request
156630	140x1000x2000	4	on request
156643	160x1000x2000	3	on request
156645	180x1000x2000	3	on request
156651	200x1000x2000	3	on request
159086	220x1000x2000	2	on request
159110	240x1000x2000	2	on request
159994	260x1000x2000	2	on request
159112	280x1000x2000	2	on request
159134	300x1000x2000	2	on request

DESIGNATION CODE PURSUANT TO UNI EN 13163

Panels 1000x2000 mm: EPS-EN 13163-T2-L3-W3-S2-P5-DS(N)2-DS(70,-)1-CS(10/Y)150-TR200-BS200-WL(P)0,5-MU(30-70)

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Sirapor TR 100 ECO

Insulation panels in expanded polystyrene EPS obtained from a block.

Insulation panels in expanded polystyrene EPS, with CE marking compliant with Standard UNI EN 13163, Thermal conductivity $\lambda_{_D}=0.036$ W/mK Standard EN 12667, with Environmental Product Declaration EPD, compliant with Minimum Environmental Criteria (CAM - Criteri Ambientali Minimi)

Intended use

► Thermal insulation with external thermal insulation composite system

CHARACTERISTICS	VALUES
Class	TR 100
Declared thermal conductivity $\lambda_{\rm D}$ at 10°C (W/mK) - EN 12667	0.036
Reaction to fire - EN 13501-1	Euroclass E
Thickness mm	20÷300
Length mm	1000
Width mm	500
Moulded edges	
Intended use	

Minimum production batch: 4.8 m³

Code	Dimensions mm	Panels in Pack	Avail. in days
158195	20x500x1000	30	on request
157935	30x500x1000	20	on request
156508	40x500x1000	15	on request
156509	50x500x1000	12	on request
156510	60x500x1000	10	on request
156511	80x500x1000	7	on request
156513	100x500x1000	6	on request
156455	120x500x1000	5	on request
157816	140x500x1000	4	on request
156514	160x500x1000	3	on request
156515	180x500x1000	3	on request
156519	200x500x1000	3	on request
158212	220x500x1000	2	on request
158277	240x500x1000	2	on request
158291	260x500x1000	2	on request
158292	280x500x1000	2	on request
159176	300x500x1000	2	on request

DESIGNATION CODE PURSUANT TO UNI EN 13163

Panels 500x1000 mm: EPS-EN 13163-T1-L2-W2-S2-P3-DS(N)2-DS(70,-)1-TR100-BS115-WL(P)0,5-MU(20-40)

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Sirapor EPS 100 EC0

Insulation panels in expanded polystyrene EPS obtained from a block.



Insulation panels in expanded polystyrene EPS, with CE marking compliant with Standard UNI EN 13163, Thermal conductivity $\lambda_{\scriptscriptstyle D}=0.035$ W/mK Standard EN 12667, with Environmental Product Declaration EPD, compliant with Minimum Environmental Criteria (CAM - Criteri Ambientali Minimi)

Intended use

► Thermal insulation with external thermal insulation composite system

CHARACTERISTICS	VALUES
Class	100
Declared thermal conductivity $\lambda_{\rm D}$ at 10°C (W/mK) - EN 12667	0.035
Reaction to fire - EN 13501-1	Euroclass E
Thickness mm	20÷300
Length mm	1000
Width mm	500
Moulded edges	
Intended use	

Minimum production batch: 4.8 m³

Code	Dimensions mm	Panels in Pack	Avail. in days
156947	20x500x1000	30	on request
156933	30x500x1000	20	on request
156447	40x500x1000	15	on request
156450	50x500x1000	12	on request
156440	60x500x1000	10	on request
156441	80x500x1000	7	on request
156449	100x500x1000	6	on request
156463	120x500x1000	5	on request
157147	140x500x1000	4	on request
156467	160x500x1000	3	on request
156468	180x500x1000	3	on request
156469	200x500x1000	3	on request
157496	220x500x1000	2	on request
157512	240x500x1000	2	on request
157516	260x500x1000	2	on request
159177	280x500x1000	2	on request
157517	300x500x1000	2	on request

DESIGNATION CODE PURSUANT TO UNI EN 13163

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Sirapor EPS 150 ECO

Insulation panels in expanded polystyrene EPS obtained from a block.

Insulation panels in expanded polystyrene EPS, with CE marking compliant with Standard UNI EN 13163, with Compressive strength \geq 150 kPa, Thermal conductivity $\lambda_{_{D}}=0.034$ W/mK Standard EN 12667, with Environmental Product Declaration EPD, compliant with Minimum Environmental Criteria (CAM - Criteri Ambientali Minimi)

Intended use

► Thermal insulation of flat warm roofs with waterproofing with PVC-TPO synthetic membranes

CHARACTERISTICS	VALUES
UNANAUTENISTIUS	VALUES
Class	150
Declared thermal conductivity $\lambda_{\rm D}$ at 10°C (W/mK) - EN 12667	0.034
Compressive strength (kPa) - EN 826	≥ 150
Reaction to fire - EN 13501-1	Euroclass E
Thickness mm	20÷300
Length mm	2000
Width mm	1000
Moulded edges	
Intended use	

 $\label{eq:main_model} \begin{tabular}{ll} Minimum production batch: 4.8 m^3 \\ On request, possibility to supply panels \\ with perimeter rebate \\ \end{tabular}$

Code	Dimensions mm	Panels in Pack	Avail. in days
159179	20x1000x2000	30	on request
157955	30x1000x2000	20	on request
156471	40x1000x2000	15	on request
156473	50x1000x2000	12	on request
156476	60x1000x2000	10	on request
156477	80x1000x2000	7	on request
156480	100x1000x2000	6	on request
156481	120x1000x2000	5	on request
159186	140x1000x2000	4	on request
156483	160x1000x2000	3	on request
156498	180x1000x2000	3	on request
156500	200x1000x2000	3	on request
159188	220x1000x2000	2	on request
159191	240x1000x2000	2	on request
159200	260x1000x2000	2	on request
159098	280x1000x2000	2	on request
159201	300x1000x2000	2	on request

DESIGNATION CODE PURSUANT TO UNI EN 13163

 $\textbf{Panels 1000x2000 mm} : \texttt{EPS-EN 13163-T2-L3-W3-S2-P5-DS(N)2-DS(70,-)1-CS(10/Y)150-TR200-BS200-WL(P)0,5-MU(30-70)} \\ + (10/Y)150-TR200-BS200-WL(P)0,5-MU(30-70) \\ + (10/Y)150-TR200-WL(P)0,5-MU(30-70) \\ + (10/Y)150-TR200-WL(P)0,5-MU(20-70) \\ + (10/Y)150-TR2$

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Insulation panels in expanded polystyrene EPS obtained from a block.



Insulation panels in expanded polystyrene EPS, with CE marking compliant with Standard UNI EN 13163, with Compressive strength ≥ 200 kPa, Thermal conductivity $\lambda_{_{\! D}}=0.033$ W/mK Standard EN 12667, with Environmental Product Declaration EPD, compliant with Minimum Environmental Criteria (CAM - Criteri Ambientali Minimi)

Intended use

► Thermal insulation of flat warm roofs with waterproofing with PVC-TPO synthetic membranes

CHARACTERISTICS	VALUES
Class	200
Declared thermal conductivity $\lambda_{\rm D}$ at 10°C (W/mK) - EN 12667	0.033
Compressive strength (kPa) - EN 826	≥ 200
Reaction to fire - EN 13501-1	Euroclass E
Thickness mm	20÷300
Length mm	2000
Width mm	1000
Moulded edges	
Intended use	

Code	mm	in Pack	days
159202	20x1000x2000	30	on request
159203	30x1000x2000	20	on request
156520	40x1000x2000	15	on request
156525	50x1000x2000	12	on request
156526	60x1000x2000	10	on request
156568	80x1000x2000	7	on request
156569	100x1000x2000	6	on request
156570	120x1000x2000	5	on request
159243	140x1000x2000	4	on request
156571	160x1000x2000	3	on request
156577	180x1000x2000	3	on request
156578	200x1000x2000	3	on request
159244	220x1000x2000	2	on request
159245	240x1000x2000	2	on request
159246	260x1000x2000	2	on request
159247	280x1000x2000	2	on request
159102	300x1000x2000	2	on request

Minimum production batch: 4.8 m³

On request, possibility to supply panels with perimeter rebate

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DESIGNATION	CODE PUNGUAN	I IU UNI EN ISTOS

Panels 1000x2000 mm : EPS-EN 13163-T2-L3-W3-S2-P5-DS(N)2-DS(70,-)1-CS(10/Y)200-TR250-BS250-WL(P)0,5-MU(40-100)

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Neostir GW ECO

Double layer insulation panels in moulded expanded polystyrene EPS.

Double layer panels in moulded expanded polystyrene EPS, with CE marking, compliant with Standard UNI EN 13163, comprised of one layer of grey moulded EPS additivated with graphite, coated with one layer of white moulded EPS, Thermal conductivity $\lambda_{\scriptscriptstyle D}=0.030$ W/mK Standard EN 12667, compliant with Minimum Environmental Criteria (CAM - Criteri Ambientali Minimi)

Intended use

► Thermal insulation with external thermal insulation composite system

CHARACTERISTICS	VALUES
Declared thermal conductivity $\lambda_{\rm D}$ at 10°C (W/mK) - EN 12667	0.030
Reaction to fire - EN 13501-1	Euroclass E
Thickness mm	60÷240
Length mm	1000
Width mm	500
Moulded edges	
Intended use	

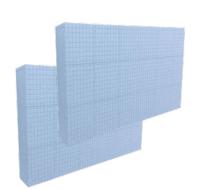
Code	Dimensions mm	Panels in Pack	Avail. in days
109708	60x500x1000	10	on request
109710	80x500x1000	7	on request
109711	100x500x1000	6	on request
109712	120x500x1000	5	on request
109713	140x500x1000	4	on request
109714	160x500x1000	3	on request
109715	180x500x1000	3	on request
109716	200x500x1000	3	on request
109717	220x500x1000	2	on request
109718	240x500x1000	2	on request

DESIGNATION CODE PURSUANT TO UNI EN 13163
Panels 500x1000 mm: EPS-EN 13163-T1-L2-W2-S2-P3-DS(N)2-DS(70,-)1-TR150-BS150-WL(P)0,5-MU(30-70)

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Gemastir 150 ECO

Insulation panels in moulded expanded polystyrene EPS.

Insulation panels in light blue moulded expanded polystyrene EPS, with CE marking compliant with Standard UNI EN 13163, Thermal conductivity $\lambda_{_D}=0.034$ W/mK Standard EN 12667, with Compressive strength \geq 150 kPa, compliant with Minimum Environmental Criteria (CAM - Criteri Ambientali Minimi)

Intended use

► Thermal insulation in skirting of external thermal insulation composite systems

CHARACTERISTICS	VALUES	
Class	150	
Declared thermal conductivity $\lambda_{\rm D}$ at 10°C (W/mK) - EN 12667	0.034	
Reaction to fire - EN 13501-1	Euroclass E	
Compressive strength (kPa) - EN 826	≥ 150	
Thickness mm	60÷240	
Length mm	1000	
Width mm	500	
Moulded edges		
Intended use		

Code	Dimensions mm	Panels in Pack	Avail. in days
156695	60x500x1000	10	on request
156710	80x500x1000	7	on request
156731	100x500x1000	6	on request
156732	120x500x1000	5	on request
156751	140x500x1000	4	on request
156733	160x500x1000	3	on request
156736	180x500x1000	3	on request
156737	200x500x1000	3	on request
156753	220x500x1000	2	on request
156738	240x500x1000	2	on request

DESIGNATION CODE PURSUANT TO UNI EN 13163	
Panels 500x1000 mm: EPS-EN 13163-T1-L2-W2-S2-P3-DS(N)2-DS(70,-)1-CS(10/Y)150-TR200-WL(P)0,5-MU(30-70)	

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Neostir 029 150 ECO

Insulation panels in moulded expanded polystyrene EPS additivated with graphite.

Insulation panels in grey moulded expanded polystyrene EPS additivated with graphite, with CE marking compliant with Standard UNI EN 13163, with Thermal conductivity $\lambda_{_D}=0.029$ W/mK Standard EN 12667, with Compressive strength \geq 150 kPa, compliant with Minimum Environmental Criteria (CAM - Criteri Ambientali Minimi)

Intended use

► Thermal insulation of flat warm roofs with waterproofing with PVC-TPO synthetic membranes

CHARACTERISTICS	VALUES	
Class	150	
Declared thermal conductivity λ_{D} at 10°C (W/mK) - EN 12667	0.029	
Compressive strength (kPa) - EN 826	≥ 150	
Reaction to fire - EN 13501-1	Euroclass E	
Thickness mm	40÷300	
Length mm	1200	
Width mm	1200	
Moulded edges		
Intended use		

Panels available with slope 1 - 1.5 - 2% only with moulded and sharp edges.

On request, possibility to supply panels with perimeter rebate.

Code	Dimensions mm	Panels in Pack	Avail. in days
110421	40x1200x1200	12	on request
109124	60x1200x1200	8	on request
109125	80x1200x1200	6	on request
109126	100x1200x1200	5	on request
109127	120x1200x1200	4	on request
109128	140x1200x1200	4	on request
109129	160x1200x1200	3	on request
109130	180x1200x1200	2	on request
109131	200x1200x1200	2	on request
109734	220x1200x1200	2	on request
109736	240x1200x1200	2	on request
109737	260x1200x1200	2	on request
109738	280x1200x1200	2	on request
109739	300x1200x1200	2	on request
109132	20÷38 x1200x1200 slope 1.5%	18	on request
109133	38÷56 x1200x1200 slope 1.5%	10	on request
109134	56÷74 x1200x1200 slope 1.5%	8	on request
109135	74÷92 x1200x1200 slope 1.5%	6	on request
114374	92÷110 x1200x1200 slope 1.5%	4	on request
109137	110÷128 x1200x1200 slope 1.5%	4	on request

DESIGNATION CODE PURSUANT TO UNI EN 13163

Panels 500x1000 mm: EPS-EN 13163-L2-W2-T1-S2-P3-DS200-CS(10/Y)150-WL(P)0,5-MU(30÷70)-DS(N)2-DS(70,-)1

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Neostir 029 200 ECO

Insulation panels in moulded expanded polystyrene EPS additivated with graphite.

Insulation panels in grey moulded expanded polystyrene EPS additivated with graphite, with CE marking compliant with Standard UNI EN 13163, with Thermal conductivity $\lambda_{_{D}}=0.029$ W/mK Standard EN 12667, with Compressive strength \geq 200 kPa, compliant with Minimum Environmental Criteria (CAM - Criteri Ambientali Minimi)

Intended use

► Thermal insulation of flat warm roofs with waterproofing with synthetic membranes in PVC/TPO

CHARACTERISTICS	VALUES
Class	200
Declared thermal conductivity $\lambda_{\rm D}$ at 10°C (W/mK) - EN 12667	0.029
Compressive strength (kPa) - EN 826	≥ 200
Reaction to fire - EN 13501-1	Euroclass E
Thickness mm	40÷300
Length mm	1200
Width mm	1200
Moulded edges	
Intended use	

Panels available with slope 1 - 1.5 - 2% only with moulded and sharp edges. On request, possibility to supply panels with perimeter rebate

Code	Dimensions	Panels	Avail. in
Code	mm	in Pack	days
159029	40x1200x1200	12	on request
152283	60x1200x1200	8	on request
152284	80x1200x1200	6	on request
152285	100x1200x1200	5	on request
152286	120x1200x1200	4	on request
152287	140x1200x1200	4	on request
152288	160x1200x1200	3	on request
159996	180x1200x1200	2	on request
159997	200x1200x1200	2	on request
159998	220x1200x1200	2	on request
159999	240x1200x1200	2	on request
160000	260x1200x1200	2	on request
160001	280x1200x1200	2	on request
160002	300x1200x1200	2	on request
159310	20÷38 x1200x1200 slope 1.5%	18	on request
159311	38÷56 x1200x1200 slope 1.5%	10	on request
159312	56÷74 x1200x1200 slope 1.5%	8	on request
159313	74÷92 x1200x1200 slope 1.5%	6	on request
159314	92÷110 x1200x1200 slope 1.5%	4	on request
159315	110÷128 x1200x1200 slope 1.5%	4	on request

DESIGNATION CODE PURSUANT TO UNI EN 13163

Panels 500x1000 mm: EPS-EN 13163-L2-W2-T1-S2-P3-DS250-CS(10/Y)200-WL(P)0,5-MU(40÷100)-DS(N)2-DS(70,-)1

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Compliant with Minimum Environmental Criteria CAM





Sirapor 034 150

Insulation panels in moulded expanded polystyrene EPS.

Insulation panels in moulded expanded polystyrene EPS, with CE marking compliant with Standard UNI EN 13163, with Thermal conductivity $\lambda_{_{D}}=0.034\,\text{W/mK}$ Standard EN 12667, Compressive strength \geq 150 kPa Standard EN 826.

Intended use

► Thermal insulation of flat warm roofs with waterproofing with synthetic membranes in PVC/TPO

CHARACTERISTICS	VALUES
Class	150
Declared thermal conductivity $\lambda_{\rm D}$ at 10°C (W/mK) - EN 12667	0.034
Compressive strength (kPa) - EN 826	≥ 150
Reaction to fire - EN 13501-1	Euroclass E
Thickness mm	40÷300
Length mm	1200
Width mm	1200
Moulded edges	
Intended use	

Panels available with slope 1 - 1.5 - with moulded and sharp edges.	2% only
On request, possibility to supply pand with perimeter rebate	els

Code	Dimensions mm	Panels in Pack	Avail. in days
110503	40x1200x1200	12	on request
109096	60x1200x1200	8	on request
109097	80x1200x1200	6	on request
109098	100x1200x1200	5	on request
109099	120x1200x1200	4	on request
111795	140x1200x1200	4	on request
109101	160x1200x1200	3	on request
109102	180x1200x1200	2	on request
109103	200x1200x1200	2	on request
109729	220x1200x1200	2	on request
109730	240x1200x1200	2	on request
109731	260x1200x1200	2	on request
109732	280x1200x1200	2	on request
109733	300x1200x1200	2	on request
109104	20÷38 x1200x1200 slope 1.5%	18	on request
109105	38÷56 x1200x1200 slope 1.5%	10	on request
109106	56÷74 x1200x1200 slope 1.5%	8	on request
109107	74÷92 x1200x1200 slope 1.5%	6	on request
109108	92÷110 x1200x1200 slope 1.5%	4	on request
109109	110÷128 x1200x1200 slope 1.5%	4	on request

DESIGNATION CODE PURSUANT TO UNI EN 13163

Panels 500x1000 mm: EPS-EN 13163-L2-W2-T1-S2-P3-DS170-CS(10/Y)150-WL(P)0,5-MU(30÷70)-DS(N)2-DS(70,-)1

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Sirapor 034 200

Insulation panels in moulded expanded polystyrene EPS.



Insulation panels in moulded expanded polystyrene EPS, with CE marking compliant with Standard UNI EN 13163, with Thermal conductivity $\lambda_{_{D}}=0.033\,\text{W/mK}$ Standard EN 12667, Compressive strength $\geq 200\,$ kPa Standard EN 826.

Intended use

► Thermal insulation of flat warm roofs with waterproofing with synthetic membranes in PVC/TPO

QUADACTERICTIOS	VALUEO
CHARACTERISTICS	VALUES
Class	200
Declared thermal conductivity $\lambda_{\rm D}$ at 10°C (W/mK) - EN 12667	0.034
Compressive strength (kPa) - EN 826	≥ 200
Reaction to fire - EN 13501-1	Euroclass E
Thickness mm	40÷300
Length mm	1200
Width mm	1200
Moulded edges	
Intended use	

Panels available with slope 1 - 1.5 - 2% only with moulded and sharp edges.
On request, possibility to supply panels with perimeter rebate

Code	Dimensions mm	Panels in Pack	Avail. in days
157366	40x1200x1200	12	on request
157371	60x1200x1200	8	on request
157372	80x1200x1200	6	on request
157373	100x1200x1200	5	on request
157416	120x1200x1200	4	on request
157420	140x1200x1200	4	on request
157417	160x1200x1200	3	on request
157418	180x1200x1200	2	on request
157419	200x1200x1200	2	on request
157428	220x1200x1200	2	on request
157429	240x1200x1200	2	on request
157430	260x1200x1200	2	on request
157431	280x1200x1200	2	on request
157432	300x1200x1200	2	on request
157447	20÷38 x1200x1200 slope 1.5%	18	on request
157448	38÷56 x1200x1200 slope 1.5%	10	on request
157449	56÷74 x1200x1200 slope 1.5%	8	on request
157450	74÷92 x1200x1200 slope 1.5%	6	on request
157452	92÷110 x1200x1200 slope 1.5%	4	on request
157451	110÷128 x1200x1200 slope 1.5%	4	on request

DESIGNATION CODE PURSUANT TO UNI EN 13163

Panels 500x1000 mm: EPS-EN 13163-L2-W2-T1-S2-P3-DS250-CS(10/Y)200-WL(P)0,5-MU(40÷100)-DS(N)2-DS(70,-)1

DOCUMENTS AVAILABLE ON WEBSITE www.soprema.it
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Sirapor 034 150 EC0

Insulation panels in moulded expanded polystyrene EPS.

Insulation panels in moulded expanded polystyrene EPS, with CE marking compliant with Standard UNI EN 13163, with Thermal conductivity $\lambda_n = 0.034 \, \text{W/mK}$ Standard EN 12667, Compressive strength ≥ 150 kPa Standard EN 826, compliant with Minimum Environmental Criteria (CAM - Criteri Ambientali Minimi)

Intended use

▶ Thermal insulation of flat warm roofs with waterproofing with synthetic membranes in PVC/TPO

CHARACTERISTICS	VALUES
Class	150
Declared thermal conductivity $\lambda_{\rm D}$ at 10°C (W/mK) - EN 12667	0.034
Compressive strength (kPa) - EN 826	≥ 150
Reaction to fire - EN 13501-1	Euroclass E
Thickness mm	40÷300
Length mm	1200
Width mm	1200
Moulded edges	
Intended use	

Panels available with slope 1 - 1.5 - 2% only with moulded and sharp edges. On request, possibility to supply panels with perimeter rebate

Code	Dimensions mm	Panels in Pack	Avail. in days
160006	40x1200x1200	12	on request
160005	60x1200x1200	8	on request
160007	80x1200x1200	6	on request
160013	100x1200x1200	5	on request
160016	120x1200x1200	4	on request
160017	140x1200x1200	4	on request
160018	160x1200x1200	3	on request
160019	180x1200x1200	2	on request
160020	200x1200x1200	2	on request
160021	220x1200x1200	2	on request
160022	240x1200x1200	2	on request
160023	260x1200x1200	2	on request
160024	280x1200x1200	2	on request
160025	300x1200x1200	2	on request
159856	20÷38 x1200x1200 slope 1.5%	18	on request
159854	38÷56 x1200x1200 slope 1.5%	10	on request
159857	56÷74 x1200x1200 slope 1.5%	8	on request
159855	74÷92 x1200x1200 slope 1.5%	6	on request
159881	92÷110 x1200x1200 slope 1.5%	4	on request
159885	110÷128 x1200x1200 slope 1.5%	4	on request

DESIGNATION CODE PURSUANT TO UNI EN 13163

Panels 500x1000 mm: EPS-EN 13163-L2-W2-T1-S2-P3-DS170-CS(10/Y)150-WL(P)0,5-MU(30÷70)-DS(N)2-DS(70,-)1

DOCUMENTS AVAILABLE ON WEBSITE www.soprema.it General Catalogue Price List Declaration of Performance DOP - CE Marking Technical Data Sheet TDS Declaration of Conformity to Minimum Environmental Requirements CAM Safety Data Sheet VSDS





Sirapor 034 200 EC0

Insulation panels in moulded expanded polystyrene EPS.



Insulation panels in moulded expanded polystyrene EPS, with CE marking compliant with Standard UNI EN 13163, with Thermal conductivity $\lambda_{\scriptscriptstyle D}=0.033\,\text{W/mK}$ Standard EN 12667, Compressive strength $\geq 200\,\text{kPa}$ Standard EN 826, compliant with Minimum Environmental Criteria (CAM - Criteri Ambientali Minimi)

Intended use

► Thermal insulation of flat warm roofs with waterproofing with synthetic membranes in PVC/TPO

CHARACTERISTICS	VALUES
Class	200
Declared thermal conductivity $\lambda_{\rm D}$ at 10°C (W/mK) - EN 12667	0.034
Compressive strength (kPa) - EN 826	≥ 200
Reaction to fire - EN 13501-1	Euroclass E
Thickness mm	40÷300
Length mm	1200
Width mm	1200
Moulded edges	
Intended use	

Panels available with slope 1 - 1.5 - 2% only with moulded and sharp edges. On request, possibility to supply panels with perimeter rebate

Code	Dimensions	Panels	Avail. in
Code	mm	in Pack	days
160006	40x1200x1200	12	on request
160005	60x1200x1200	8	on request
160007	80x1200x1200	6	on request
160013	100x1200x1200	5	on request
160016	120x1200x1200	4	on request
160017	140x1200x1200	4	on request
160018	160x1200x1200	3	on request
160019	180x1200x1200	2	on request
160020	200x1200x1200	2	on request
160021	220x1200x1200	2	on request
160022	240x1200x1200	2	on request
160023	260x1200x1200	2	on request
160024	280x1200x1200	2	on request
160025	300x1200x1200	2	on request
159856	20÷38 x1200x1200 slope 1.5%	18	on request
159854	38÷56 x1200x1200 slope 1.5%	10	on request
159857	56÷74 x1200x1200 slope 1.5%	8	on request
159855	74÷92 x1200x1200 slope 1.5%	6	on request
159881	92÷110 x1200x1200 slope 1.5%	4	on request
159885	110÷128 x1200x1200 slope 1.5%	4	on request

DESIGNATION CODE PURSUANT TO UNI EN 13163

Panels 500x1000 mm: EPS-EN 13163-L2-W2-T1-S2-P3-DS250-CS(10/Y)200-WL(P)0,5-MU(40÷100)-DS(N)2-DS(70,-)1

DOCUMENTS AVAILABLE ON WEBSITE www.soprema.it General Catalogue Price List Declaration of Performance DOP - CE Marking Technical Data Sheet TDS Declaration of Conformity to Minimum Environmental Requirements CAM Safety Data Sheet VSDS



Compliant with Minimum Environmental Criteria CAM





Efyos PU B

Polyurethane insulation panels

Polyurethane insulation panels free of HCFCs and HFCs with CE marking compliant with UNI EN 13165, coated on the top side in bitumen glass fibre, and on the bottom side with mineral glass fibre, compliant with Minimum Environmental Criteria (CAM

- Criteri Ambientali Minimi)

Intended use

► Thermal insulation of flat warm roofs with waterproofing in polymer modified bitumen membranes

CHARACTERISTICS	VALUES		
Declared thermal conductivity $\lambda_{\rm D}$ at 10°C (W/mK) - EN 12667	0.026 30÷100 0.025 120÷160		
Compressive strength (kPa) - EN 826	150		
Reaction to fire - EN 13501-1	Euroclass F		
Type of coating	bitumen and mineral glass fibre		
Thickness mm	30÷160		
Length x Width mm	1200 x 600		
Moulded edges			
Intended use			

Code	Dimensions mm	Panels in Pack	m²/panel	packs/ pallet	m²/pack	m²/pallet	Avail. in days
109834	30x600x1200	16	0.72	10	11.52	115.20	on request
109835	40x600x1200	12	0.72	10	8.64	86.40	on request
109836	50x600x1200	10	0.72	10	7.20	72.00	on request
109837	60x600x1200	8	0.72	10	5.76	57.60	on request
109839	80x600x1200	6	0.72	10	4.32	43.20	on request
109840	100x600x1200	5	0.72	10	3.60	36.00	on request
109841	120x600x1200	4	0.72	10	2.88	28.80	on request
107072	140x600x1200	3	0.72	12	2.16	25.92	on request
105902	160x600x1200	3	0.72	10	2.16	21.60	on request

DESIGNATION CODE PURSUANT TO UNI EN 13163
PU-EN 13165-T2-CS(10/Y)150-TR70-DS(70,90)2-DS(-20,-)1-WS(P)0,2-MU(60)

DOCUMENTS AVAILABLE ON WEBSITE www.soprema.it
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Polyurethane PIR insulation panels.



Polyurethane PIR insulation panels free of HCFCs and HFCs with CE marking, compliant with Standard UNI EN 13165, with two-sided multilayer coating, with Environmental Product Declaration EPD, compliant with Minimum Environmental Criteria (CAM - Criteri Ambientali Minimi)

Intended use

► Thermal insulation for ballasted roofs, walls, and interspaces

CHARACTERISTICS	VALUES		
Declared thermal conductivity $\lambda_{\rm D}$ at 10°C (W/mK) - EN 12667	0.023 30 0.022 40÷160		
Compressive strength (kPa) - EN 826	200		
Reaction to fire - EN 13501-1	Euroclass F		
Type of coating	two-sided multilayered		
Thickness mm	30÷160		
Length x Width mm	1200 x 600		
Moulded edges			
Intended use			

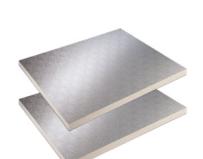
Code	Dimensions mm	Panels in Pack	m²/panel	packs/ pallet	m²/pack	m²/pallet	Avail. in days
104801	30x600x1200	16	0.72	10	11.52	115.20	on request
104750	40x600x1200	12	0.72	10	8.64	86.40	on request
104751	50x600x1200	10	0.72	10	7.20	72.00	on request
104752	60x600x1200	8	0.72	10	5.76	57.60	on request
107895	70x600x1200	7	0.72	10	5.04	50.40	on request
104753	80x600x1200	6	0.72	10	4.32	43.20	on request
104802	100x600x1200	5	0.72	10	3.60	36.00	on request
105007	120x600x1200	4	0.72	10	2.88	28.80	on request
105009	140x600x1200	3	0.72	12	2.16	25.90	on request
105010	160x600x1200	3	0.72	10	2.16	21.60	on request

DESIG	NATION CODE PURSUANT TO UNI EN 13163
PU-EN 13165-T2-CS(10/Y)200-WS(P)0,2	

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Efigreen Acier

Polyurethane PIR insulation panels.

Polyurethane PIR insulation panels free of HCFCs and HFCs with CE marking, compliant with Standard UNI EN 13165, with two-sided 50 µm embossed aluminium coating, with Environmental Product Declaration EPD, compliant with Minimum Environmental Criteria (CAM - Criteri Ambientali Minimi)

Intended use

► Thermal insulation of warm flat roofs on sheet metal structure corrugated sheet metal or concrete with synthetic waterproofing in PVC - TPO

CHARACTERISTICS	VALUES
Declared thermal conductivity $\lambda_{\rm D}$ at 10°C (W/mK) - EN 12667	0.023
Compressive strength (kPa) - EN 826	150
Reaction to fire - EN 13501-1	Euroclass D-s2,d0
Type of coating	two-sided embossed aluminium
Thickness mm	30÷160
Length x Width mm	2500 x 1200
Moulded edges	
Intended use	

					1
Code	Dimensions mm	Panels in Pack	m²/panel	m²/pallet	Avail. in days
017497	30x1200x2500	40	3	120	on request
017495	40x1200x2500	30	3	90	on request
017496	50x1200x2500	24	3	72	on request
017498	60x1200x2500	20	3	60	on request
017499	70x1200x2500	17	3	51	on request
017500	80x1200x2500	15	3	45	on request
017501	90x1200x2500	13	3	39	on request
017502	100x1200x2500	12	3	36	on request
104579	120x1200x2500	10	3	30	on request

Thickness 140-160 mm: on request

		DESIGNATION CODE PURSUANT TO UNI EN 13163
PU-EN 13165-T2-CS(10/Y)150-WS(P)0,2	PU-EN 13165-T2-CS(10/Y)150-WS(P)0	,2

DOCUMENTS AVAILABLE ON WEBSITE www.soprema.it
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Polyurethane PIR insulation panels.



Polyurethane PIR insulation panels free of HCFCs and HFCs with CE marking, compliant with Standard UNI EN 13165, with two-sided multilayer coating, with Environmental Product Declaration EPD, compliant with Minimum Environmental Criteria (CAM - Criteri Ambientali Minimi)

Intended use

► Thermal insulation of flat warm roofs, waterproofed with polymer modified bitumen membranes and self-adhesive or mechanically fixed PVC and TPO synthetic membranes.

CHARACTERISTICS	VALUES
Declared thermal conductivity $\lambda_{\rm p}$ at 10°C (W/mK) - EN 12667	0.023 30 0.022 40÷160
Compressive strength (kPa) - EN 826	200
Reaction to fire - EN 13501-1	Euroclass F
Type of coating	two-sided multilayered
Thickness mm	30÷140
Length x Width mm	1200 x 600
Moulded edges	
Intended use	

	Dimensions	Panels	o., .	packs/		0/ 11 1	Avail, in
Code	mm	in Pack	m²/panel	pallet	m²/pack	m²/pallet	days
105921	30x600x1200	16	0.72	10	11.52	115.20	on request
105922	40x600x1200	12	0.72	10	8.64	86.40	on request
105924	50x600x1200	10	0.72	10	7.20	72.00	on request
105925	60x600x1200	8	0.72	10	5.76	57.60	on request
105937	70x600x1200	7	0.72	10	5.04	50.40	on request
105926	80x600x1200	6	0.72	10	4.32	43.20	on request
105927	90x600x1200	5	0.72	10	3.60	36.00	on request
105928	100x600x1200	5	0.72	10	3.60	36.00	on request
105930	120x600x1200	4	0.72	10	2.88	28.80	on request
105932	140x600x1200	3	0.72	12	2.16	25.92	on request

DESIGNATION CODE PURSUANT TO UNI EN 13163
PU-EN 13165-T2-CS(10/Y)200-TR150-WS(P)0,2

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Stirodach

Insulation panels in extruded polystyrene foam with metal profile.

Thermal insulation panel in extruded polystyrene foam XPS with low-emissivity embossed aluminium membrane coating on the extrados, with metal tile support compliant with Minimum Environmental Criteria (CAM - Criteri Ambientali Minimi)



Moulded edges:



Intended use

► Thermal insulation and ventilation under shingles and bent tiles on pitched roofs

CHARACTERISTICS	VALUES
Declared thermal conductivity $\lambda_{\rm D}$ at 10°C (W/mK) - EN 12667	0.032 mm 50-60 0.034 mm 80-100 120-140
Thickness mm	50 - 60 - 80- 100- 120- 140
Length mm	3000
Pitch mm	320-325-330-335 340-342-345-350 355-360-365-370
Intended use	

Code	Dimensions mm	Panels in Pack	m²/Pack	Packs/pallet	m²/pallet	Avail. in days
112874	50x320x3000	6	5.76	21	120.96	on request
113449	50x325x3000	6	5.85	21	122.85	on request
113451	50x330x3000	6	5.94	21	124.74	on request
113452	50x335x3000	6	6.03	21	126.63	on request
113453	50x340x3000	6	6.12	21	128.52	on request
112875	50x342x3000	6	6.16	21	129.36	on request
112179	50x345x3000	6	6.21	21	130.41	on request
113454	50x350x3000	6	6.30	21	132.30	on request
113455	50x355x3000	6	6.39	21+14*	223.65	on request
113456	50x360x3000	6	6.48	21+14*	226.80	on request
113457	50x365x3000	6	6.57	21+14*	229.95	on request
115475	50x370x3000	6	6.66	21+14*	233.10	on request
112876	60x320x3000	6	5.76	18	103.68	on request
113460	60x325x3000	6	5.85	18	105.30	on request
112877	60x330x3000	6	5.94	18	106.92	on request
113461	60x335x3000	6	6.03	18	108.54	on request
112878	60x340x3000	6	6.12	18	110.16	on request
112879	60x342x3000	6	6.16	18	110.88	on request
112180	60x345x3000	6	6.21	18	111.78	on request
113462	60x350x3000	6	6.30	18	113.40	on request
113464	60x355x3000	6	6.39	18+12*	191.70	on request
113465	60x360x3000	6	6.48	18+12*	194.40	on request
113466	60x365x3000	6	6.57	18+12*	197.10	on request
113467	60x370x3000	6	6.66	18+12*	199.80	on request

 $^{^{\}star}$ First and second full pallet combined. Other pitches: as needed for minimum orders of more than 200 m².







Insulation panels in extruded polystyrene foam with metal profile.

Thermal insulation panel in extruded polystyrene foam XPS with low-emissivity embossed aluminium membrane coating on the extrados, with metal tile support compliant with Minimum Environmental Criteria (CAM - Criteri Ambientali Minimi)







Code	Dimensions mm	Panels in Pack	m²/Pack	Packs/pallet	m²/pallet	Avail. in days
113608	80x320x3000	4	3.84	21	80.64	on request
112880	80x325x3000	4	3.90	21	81.90	on request
112881	80x330x3000	4	3.96	21	83.16	on request
112882	80x335x3000	4	4.02	21	84.42	on request
112883	80x340x3000	4	4.08	21	85.68	on request
112884	80x342x3000	4	4.10	21	86.10	on request
112885	80x345x3000	4	4.14	21	86.94	on request
112886	80x350x3000	4	4.20	21	88.20	on request
113472	80x355x3000	4	4.26	21+14*	149.10	on request
113473	80x360x3000	4	4.32	21+14*	151.20	on request
113474	80x365x3000	4	4.38	21+14*	153.30	on request
113475	80x370x3000	4	4.44	21+14*	155.40	on request
112887	100x320x3000	4	3.84	18	69.12	on request
112888	100x325x3000	4	3.90	18	70.20	on request
112889	100x330x3000	4	3.96	18	71.28	on request
113476	100x335x3000	4	4.02	18	72.36	on request
112890	100x340x3000	4	4.08	18	73.44	on request
112891	100x342x3000	4	4.10	18	73.87	on request
112892	100x345x3000	4	4.14	18	74.52	on request
112893	100x350x3000	4	4.20	18	75.60	on request
113477	100x355x3000	4	4.26	18+12*	127.80	on request
113478	100x360x3000	4	4.32	18+12*	129.60	on request
113479	100x365x3000	4	4.38	18+12*	131.40	on request
113480	100x370x3000	4	4.44	18+12*	133.20	on request

^{*} First and second full pallet combined. Other pitches: as needed for minimum orders of more than 200 m².



STIRODACH





Stirodach

Insulation panels in extruded polystyrene foam with metal profile.

Thermal insulation panel in extruded polystyrene foam XPS with low-emissivity embossed aluminium membrane coating on the extrados, with metal tile support compliant with Minimum Environmental Criteria (CAM - Criteri Ambientali Minimi)

Code	Dimensions mm	Panels in Pack	m²/Pack	Packs/pallet	m²/pallet	Avail. in days
113481	120x320x3000	3	2.88	18	51.84	on request
115251	120x325x3000	3	2.93	18	52.74	on request
112894	120x330x3000	3	2.97	18	53.46	on request
114804	120x335x3000	3	3.02	18	54.36	on request
113484	120x340x3000	3	3.06	18	55.08	on request
115519	120x342x3000	3	3.08	18	55.44	on request
112896	120x345x3000	3	3.11	18	55.98	on request
113485	120x350x3000	3	3.15	18	56.70	on request
113486	120x355x3000	3	3.20	18+12*	96.00	on request
113487	120x360x3000	3	3.24	18+12*	97.20	on request
113488	120x365x3000	3	3.29	18+12*	98.55	on request
113489	120x370x3000	3	3.33	18+12*	99.90	on request
114784	140x320x3000	3	2.88	18	51.84	on request
113491	140x325x3000	3	2.93	18	52.74	on request
112897	140x330x3000	3	2.97	18	53.46	on request
115141	140x335x3000	3	3.02	18	54.36	on request
113493	140x340x3000	3	3.06	18	55.08	on request
112898	140x342x3000	3	3.08	18	55.44	on request
114848	140x345x3000	3	3.11	18	55.98	on request
113495	140x350x3000	3	3.15	18	56.70	on request
113496	140x355x3000	3	3.20	18+12*	96.00	on request
113497	140x360x3000	3	3.24	18+12*	97.20	on request
113498	140x365x3000	3	3.29	18+12*	98.70	on request
113499	140x370x3000	3	3.33	18+12*	99.90	on request

^{*} First and second full pallet combined. Other pitches: as needed for minimum orders of more than 200 m².

Stirodach Gronda

Code	Dimensions mm	Panels in Pack	m²/Pack	Packs/pallet	m²/pallet	Avail. in days
113500	50x290x3000	6	5.22	-	-	on request
113501	60x290x3000	6	5.22	-	-	on request
113502	80x290x3000	4	3.48	-	-	on request
113503	100x290x3000	4	3.48	-	-	on request
112504	120x290x3000	3	2.61	-	-	on request
113505	140x290x3000	3	2.61	-	-	on request









Styrholz H

Thermal insulation panels in cement-bonded wood fibre.

Panels in mineralised wood fibre, bonded with high-resistance grey cement, compliant with Standard UNI EN 13168, with CE marking.

Intended use

► Additional layer in roofs to increase the surface mass

CHARACTERISTICS	Styrholz H 15	Styrholz H 25	Styrholz H 35	Styrholz H 50	Styrholz H 75
Dimensions mm	2000 x 600 x 15	2000 x 600 x 25	2000 x 600 x 35	2000 x 600 x 50	2000 x 600 x 75
Surface mass Kg/m²	8.5	11.5	14.5	19.5	28
Heat resistance R _D m ² K/W	0.20	0.35	0.55	0.75	1.15
Intended use					

Code	Dimensions mm	Panels/ pallet	m²/pallet	Avail. in days
114075	15x600x2000	110	132	on request
114126	25x600x2000	80	96	on request
110565	35x600x2000	60	72	on request
114133	50x600x2000	40	48	on request
114137	75x600x2000	28	33.6	on request



Velaphone

Acoustic insulation for subfloors.

Rolls comprised of a layer of polyester fibre bonded to a bituminous support, with self-adhesive longitudinal selvedge.

Intended use

► Impact acoustic insulation for subfloors

CHARACTERISTICS	Values
Sound reduction index ΔL w (dB	24
Dimensions	Thickness 3.3 mm - Length 20 m - Width 1 m
Weight of roll kg	13

Code	Dimensions	m²/roll	Rolls pallet	m²/full pallet	Roll weight kg	Avail. in days
033841	Length 20 m Width 1 m Thickness 3.3 mm	20	16	320	approx. 13	on request



Thermal and Acoustic Insulation - Accessories



Aluband

Adhesive joint tape

Code	Pack
112948	Cardboard boxes of 8 rolls each 10 m long and 75 mm wide Theoretical yield: 0.6 lm/m ²



Dachroll

Ridge tape in rolls

Code	Pack
221039	Cardboard boxes of 4 rolls each 5 m long and 40 cm wide Theoretical yield: 1lm/1lm of ridge



Clips

Ridge clips

Code	Pack
221028	Cardboard boxes of 50 pieces Theoretical yield: 1pc/1 ridge element



CV Brackets

Ridge batten brackets

Code	Pack
221029	Loose - section 40x1.2 mm - height 25 cm Theoretical yield: 1pc/1lm of ridge



Coverdach Alu

Waterproofing junction for roof elements

Code	Pack
117951	2 rolls per pack



Thermal and Acoustic Insulation - Accessories



Bird screens

Code	Pack
221035	Cardboard boxes of 150 pieces each 1 m long Theoretical yield: 1lm/1lm of eaves



Dowels

For panel fixing

Code	Pack	Pack
221030	Dowel 10/100	Box of 100 pieces
221196	Dowel 10/160	Box of 50 pieces



Alsan Foam UNI

Foam sealant to fill interspaces

Code	Pack
153058	Cardboard boxes of 12 spray cans 750 ml/ea.



Alsan Sil 2440 FA

Single component elastic joint sealant

Code	Pack
152424	Cardboard boxes of 12 cartridges each 300 ml Theoretical yield: 1 cartridge / 10 m²

HEAD OFFICE



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PRODUCTION PLANTS

Insulating Materials



Verolanuova (Brescia) San Vito al Tagliamento (Pordenone) Frigento (Avellino)



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Synthetic Membranes



Chignolo d'Isola (Bergamo) Villa Santo Stefano (Frosinone)



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Polymer Bitumen Membranes & Waterproofing Liquid Products



Salgareda (Treviso)



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