

ThermaSmart[®] PRO Sheet SA

Thermal Insulation by Thermaflex[®]

Self-Adhesive thermal sheet insulation product made of direct extruded, closed-cell high quality polyolefine foam

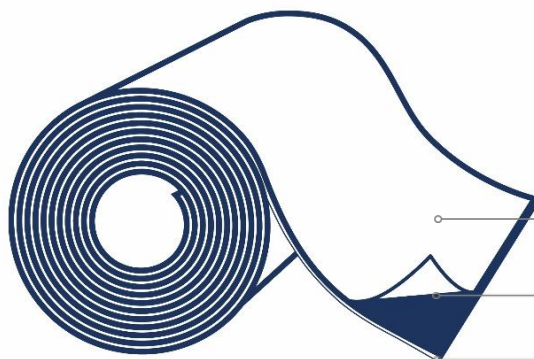


Benefits

- Condensation free system installed by qualified insulator
- Consistent performance - damage free, robust insulation material
- Fast installation due to self-adhesive layer
- Safety - Excellent fire and smoke behavior
- Gain point for Green building program with certified ThermaSmart PRO foam insulation - Cradle to Cradle Certified™ Bronze, EPD, RoHS

Applications

- Heating and Air conditioning applications



Design

Paper release liner
effectively protects the insulation

Self-Adhesive Layer
quick and easy assembly

Polyolefin foam
durable insulation material



Disclaimer

All recommendations and information provided on this data sheet are based on our knowledge and experience. Product specifications are intended as guidelines. Since conditions of service are beyond our control, users must satisfy themselves that products are suitable for the intended use. No guarantee or warranty is given or implied or that any use of products will not infringe rights belonging to other parties. We reserve the right to change product design and properties without notification.

Technical Properties

Properties	Units SI	Values	Testing method
Physical properties			
Dimensional tolerances	-	Coherent	EN 14313
Density	kg/m ³	18 - 40	-
Structure	-	Fine, closed-cells	-
Color	-	Anthracite	-
Thermal properties			
Maximum service temperature	°C	+95*	EN 14707
Thermal conductivity (λ)	W/m·K	0.035 @ 10°C 0.038 @ 40°C	EN 12667
Fire properties			
SBI classification	-	B, s2, d0	EN 13501-1
British standard	-	Class 1	BS 476 Part 7
British standard	-	Class 0	BS 476 Part 6
Flammability standard	-	-	UL94
Water resistance properties			
Water vapor diffusion	μ	≥ 5,300	EN 13469
Water absorption	kg/m ²	0.05	EN 1609
Self-Adhesive layer**			
A colorless pressure-sensitive modified acrylic adhesives layer covered with a paper release liner.			
Shelf-life	month	12	(15 – 30°C and RH 40-75%)

* The adhesion with Self-Adhesive layer was testing according our installation manual on a flat metal surface in an oven at 95°C for 7 days.

**product warranty of the self-adhesive layer is limited to 1 year, the ThermaSmart®PRO foam insulation warranty is according our general terms and conditions.

Availability

- Standard Rolls, width 1000mm (990-1010mm)
- Short Rolls, width 1000mm (990-1010mm)

Item Code	Wall thickness [mm]	Content [m ²]	Measures
Rolls, Width = 1000mm**			
3200-007100-104	7.5	100	1m x 100m roll***
3200-010100-104	10	104	1m x 104m roll***
3200-013100-104	13	78	1m x 78m roll***
3200-019100-104*	19	52	1m x 52m roll***
3200-025100-104*	25	39	1m x 39m roll***
Short Rolls, Width = 1000mm**			
3200-010100-304	10	10	1m x 10m roll***
3200-013100-304	13	8	1m x 8m roll***
3200-019100-304*	19	6	1m x 6m roll***
3200-025100-304*	25	4	1m x 4m roll***

* on request

** laminated sheet 2x500mm

*** roll may consist of 2 pieces with the total roll length as declared in the table with 1 extra meter as compensation.