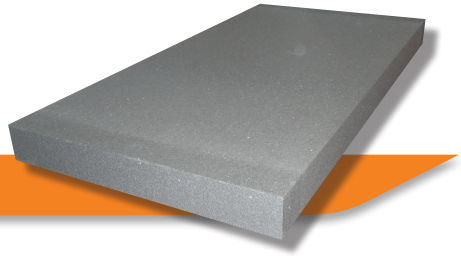
PRB FAÇADE TH31

(GREY)

EPS STRAIGHT EDGE



PRB FACADE TH31 (grey)

- Exterior Thermal Insulation
- Facades

SAFETY MEASURE, TRANSPORT,
WASTE PROCESSING: Please refer to the SDS.
STORAGE: Please refer to the SDS.
Store and protect from direct sunlight.

AREA OF USE

USE

- Exterior walls

Expanded polystyrene panels with straight edges, cut from (grey) blocks of EPS specially used for exterior facade insulation PRB Thermolook EMI under ETA 08/082 and DTA and AT n° 7/13-1557 PRB Thermolook EMI MOB (Timber frame houses).

USE

FOR EWI (EXTERNAL WALL INSULATION):

- On new supports: if the support is suitable (perfectly flat), fully bonded with a U6 or U9 comb; otherwise bonded using blobs with 2 fasteners in the blobs at the centre of the panels.
- In renovation: blocked and anchored.
- In timber frame houses: bonded and anchored to the special points.

REGARDING IMPLEMENTATION, REFER TO:
CPT 3035, as well as the applicable texts and standards and in particular:

- Snow and wind regulations.
- IT 249 indications.
- The provisions indicated in the (ETA and DTA PRB THERMOLOOK EMI and applicable AT PRB THERMOLOOK EMI MOB) as well as their respective specifications.
- ETA for anchors used for "flush" or "core" fitting compatible with the support(s).

TECHNICAL SPECIFICATIONS

- Insulating panels 1.20 x 0.60 from 20 to 300 mm thick.
- Acermi certified: **17/201/1197**
- Thermal conductivity: 0.031 W/(m.K)
- Fire behaviour: Euroclass E
- ISOLE profile use:

Levels of fitness for use	Compression	Dimensional stability	Behaviour in water	Cohesion	Water vapour permeance
Thickness (mm)	I	S	O	L	E
20 to 30	3	5	3	L3(120)	2
35 to 100	3	5	3	L3(120)	3
105 to 150	3	5	3	L3(120)	3
155 to 265	3	5	3	L3(120)	4
270 to 300	2	5	3	L3(120)	4

- Other certified characteristics:

Thickness tolerance	T2
Tensile strength perpendicular to the sides	TR120
Water vapour transmission	MU30-70

Thermal resistance											
Thickness (mm)	20	30	40	50	60	70	80	90	100	110	120
R (m².K/W)	0.60	0.95	1.25	1.60	1.90	2.25	2.55	2.90	3.20	3.50	3.85
Thickness (mm)	130	140	150	160	170	180	190	200	210	220	230
R (m².K/W)	4.15	4.50	4.80	5.15	5.45	5.80	6.10	6.45	6.75	7.05	7.40
Thickness (mm)	240	250	260	270	280	290	300				
R (m².K/W)	7.70	8.05	8.35	8.70	9.00	9.35	9.65				

NB:
In any case, the polystyrene panels must be the subject of a valid ACERMI certificate and must have the following ISOLE use profile:
I > 2 **S > 4** O = 3 **L = 4** E > 2

If using **grey EPS**, the structure intended to be covered and the panels laid or being laid must be protected from the sun by **a tarpaulin or a protective net** that lets no more than 30% of solar energy through.