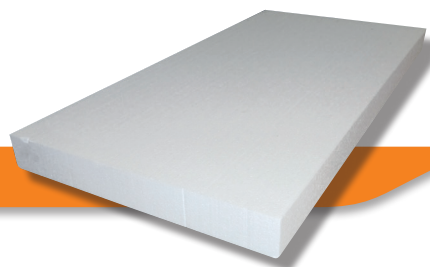


# PRB FAÇADE TH38

EPS STRAIGHT EDGE



## The of PRB FAÇADE TH38 +

- + External Wall Insulation
- + Facades



**SAFETY MEASURE, TRANSPORT, WASTE PROCESSING:** Please refer to the SDS.  
**STORAGE:** Please refer to the SDS.



## AREA OF USE

### USE

• Exterior walls  
White expanded polystyrene (EPS) panels with straight edges (BD), cut from EPS blocks, specially designed for external wall insulation (E.W.I.) of facades, as part of E.W.I. systems.  
Next PRBs:

- PRB THERMOLOOK EMI NEUF et ANCIEN (ETA 08/0182, DTA 7/13-1557, Fire classification RA13-0144)
- PRB THERMOLOOK EMI MOB (AT 7/13-1558)
- PRB THERMOPÂTE NEUF et ANCIEN (ETA-14/0469, DTA 7/14-1601)
- PRB THERMOPÂTE MOB (Use of recommendation documents).

### USE

#### FOR ETI (EXTERNAL THERMAL INSULATION):

- Only bonded on new substrates, blocked and anchored on existing substrates (refurbishment), bonded and anchored (on special points) on timber frame houses.

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 AT PRB THERMOLOOK EMI MOB in force) as well as their respective specifications.
- ETA for anchors used for "flush" or "core" fitting compatible with the support(s).

## TECHNICAL SPECIFICATIONS

- 1200 x 600 insulating panels from 20 to 300 mm thick.
- Acermi certificate: 16/201/1123
- Thermal conductivity: 0.038 W/(m.K)
- Fire behaviour: Euroclass E

### Thermal resistance

Thickness (mm)	20	30	40	50	60	70	80	90	100	110	120
R (m <sup>2</sup> .K/W)	0.50	0.75	1.05	1.30	1.55	1.85	2.10	2.35	2.60	2.90	3.15
Thickness (mm)	130	140	150	160	170	180	190	200	210	220	230
R (m <sup>2</sup> .K/W)	3.40	3.70	3.95	4.20	4.45	4.75	5.00	5.25	5.55	5.80	6.05
Thickness (mm)	240	250	260	270	280	290	300				
R (m <sup>2</sup> .K/W)	6.30	6.60	6.85	7.10	7.40	7.65	7.90				

- Other certified characteristics:

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

- ISOLE profile use:

Levels of fitness for use	Compression	Dimensional stability	Behaviour in water	Cohesion	Water vapour permeance
Thickness (mm)	I	S	0	L	E
from 20 to 40	3	4	3	L3(120)	2
from 50 to 100	3	4	3	L3(120)	3
from 110 to 180	3	4	3	L3(120)	3
from 190 to 200	3	4	3	L3(120)	4
from 210 to 300	2	4	3	L3(120)	4

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 0 = 3 L = 3 (120) E > 2