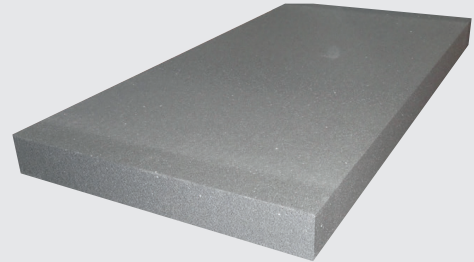


PRB EPS 70E (GREY)

GRAPHITE ENHANCED EPS 70E FOR USE WITH THE PRB EWI SYSTEMS

Benefits of the PRB EPS 70E (Grey)

- + Specifically designed for the PRB EWI Systems
- + Lambda as low as 0.30 W/mK
- + Manufactured to EN-13163-2012+A2-2016



KEY PRODUCT INFORMATION

SAFETY MEASURE, TRANSPORT, WASTE PROCESSING: Please refer to the MSDS.

STORAGE : Store flat on level surfaces, keep in wrapper until ready to use and protect from direct sunlight.



USAGE GUIDE

WHERE TO USE?

EXTERIOR WALLS

- Expanded polystyrene panels with straight edges, cut from (grey) blocks of EPS specially used for exterior facade insulation with the PRB Thermolook EMI EWI system under **ETA 08-082, BBA UKTA 23-7000** and DTA and AT n° 7/13-1557 PRB Thermolook EMI MOB (Timber frame houses).

FOR EWI (EXTERNAL WALL INSULATION)

- On new substrates: If the substrate is suitable (perfectly flat), fully bond with **PRB FONDISOL F** or **FONDIMUR**, using a U6 or U9 toothed trowel; otherwise bond using 5 large dabs each receiving 1 fastener in the centre of each dabs. fixed through the insulation panel.
- In renovation: Apply dabs and fasteners as detailed above.
- In timber frame houses: Fix an appropriate PRB approved render board apply full bed bonding using

a U 6 or U9 toothed trowel.

EXTERIOR WALLS

REGARDING APPLICATION REGULATIONS, REFER TO:

The particular ETA or BBA UKTA certification as well as the applicable PRB specification and in particular:

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

TECHNICAL

- Insulating panels 1200 x 600 mm ranging from 20 to 300 mm thick.
- **ETA 08/0182** and **BBA UKTA 23/7000** certified.
- Thermal conductivity: 0.030 W/mK.
- Fire behaviour: Euroclass E in accordance with EN 13501-1:2007+A1:2009.

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
(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 certification and must have the following **ISOLE** use profile:

I > 2 S > 4 O = 3 L = 4 E > 2

When using grey **EPS**, protect from the sun by using **a tarpaulin** or **a protective net** to the scaffold that lets no more than 30% of solar energy through.

SCAN THE QR CODE BELOW
TO FIND THE MATERIAL
QUANTITY NEEDED



Technical sheet - June 2026

The only purpose of this technical data sheet is to inform customers about the product and its specific uses. The information it contains is based on current knowledge and experience. The end user must carry out a representative test to ensure the product is suitable for their specific application and no responsibility can be accepted, or any warranty given by our Representatives, Agents or Distributors. Our general terms and conditions of sale shall prevail, and the end user should check to ensure this document has not been replaced by a more updated version.



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