PACTPOL®
Polyethylene Foam

Pactpol® is an expanded polyethylene closed cell grey colored foam, produced through environmentally friendly process, chlorofluorocarbons (CFC's) free and 100% recyclable.

It is especially suited for building solutions where strong impact noise reduction is needed together with the improved thermal insulation and waterproof performance.

Product Composition

Low Density Polyethylene (LDPE).

Available Products

Rolls 3mm (also available in 2, 5 and 10mm)

Specifications / tolerances of these products are in their Technical Data Sheets

Physical Properties

Physical Property*	Test Method	Value	Unit
Density	ISO 845:2006	40	**kg/m³**
Thickness	EN 823:2013	3	**mm**
Compressive Strength	EN 826:2013 EN 16534:2013	6,6	**kPa**
Traction Resistance	EN 1608	350 - 500	**kPa**
Resistance to Impact	EN 13329 class 23/31 EN 16354:2013	1850	**mm**
Dynamic Load Resistance	EN 13793:2003 EN 16354:2013	> 100 000	**cycles**
Thermal Conductivity	EN 12667:2002	0,038	**W/m.K**
Thermal Resistance	EN 12667:2002	0,48	**m².K/W**
Impact sound insulation	EN ISO 10140-3:2010	19	**dB**
Water Vapour Transmission	UNE – EN 12086	80 - 150	**mg/m².h**
VOCs (TVOC, TVVOC, TSVOC, Carcinogens)	ISO 16000 + 28 days (eurofins)	< 2	**µg/m³**
Aldehydes (Formaldehyde, Acetaldehyde, Propionaldehyde, Butyraldehyde)	ISO 16000 + 28 days (eurofins)	< 3	**µg/m³**

* **Other than density and thickness, all values are typical of the product and should not be considered as specifications.**

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