

### HPE9050 - FoamFleks HPE 90Kg/m<sup>3</sup> 5mm Isolation Roll - Yellow

#### PRODUCT DESCRIPTION :

90 Kg / m<sup>3</sup> density Crosslinked Polyethylene Insulation Roll in Amorphous Cell Structure

#### INSTRUCTIONS :

FoamFleks® HPE Series has High Density and Crosslinked Amorphous cell structure, isolates Sound and Heat thanks to this structure. It is produced by baking in rubber form, so because of that has very high mechanical strength performance compared to standard PE products. Between blocks the HPE series, which is used for the isolation of both Airborne Sounds and Impact Sounds also provides high Heat Insulation performance.

#### TECHNICAL SPECIFICATIONS :

<b>Thickness</b>	5mm
<b>Density</b>	90 Kg/m <sup>3</sup>
<b>Sound Insulation Value (ΔRw)</b>	32 dB
<b>Impact Insulation Value (ΔLw)</b>	21 dB
<b>Coefficient of Thermal Conduction</b>	0,032 W/m.K
<b>Deformation Under Compressive (%50)</b>	4,51 mPa
<b>Elongation at Rupture</b>	% 134
<b>Ultimate Strength</b>	1,45 N/mm <sup>2</sup>
<b>Tensile Strength</b>	839 kPa
<b>Capillary Water Absorption</b>	% 0
<b>Fire Class</b>	E-d2
<b>Service Temperature</b>	-20C° / +110°C



PEF-EN16069-L3-W2-T2-CS(10)30-MU3000

#### AREAS OF USAGE :

Between floors, Under Screed, Under Parquet, Under Raised Flooring. Between rooms, in Knitted Walls, in Drywalls, in Partition Walls made of Plasterboard. Terrace and Roof Insulations, Steel and Light Steel Systems. In Foundation Walls, in Diaphragm Walls. In ships, Base Slab and Motor Housing Details.

Sound and Thermal Insulation According to Recommended Application; It is used by practicing the surface gumming process or mechanical fixing methods and layouts freely.

#### PACKAGE :

1,0m Width; 30,0m Length (45,0 m<sup>2</sup>) as Roll.

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