

CONSTRUCTION
INDUSTRY SOLUTIONS

Floormax
Under Concrete Insulating Mattress

durfoam

Insulation and Packaging Solutions

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MATERIAL TECHNICAL FEATURES			
Physical Features	Test Method	Units	XLPE
Density	ISO 845	kg/m3	30 ± %10
Tensile Strength	ASTM D3575	kPa	> 200
Elongation-Transversally	ASTM D3575	%	> 120
Elongation-Longitudinally	ASTM D3575	%	> 110
Compression Resistance %25 Compression %50 Compression %75 Compression	ISO 844	Mpa	> 0,030 > 0,070 > 0,180
Permanent Deformation 50%, 72 hours Compression Set	EN ISO 1856:1999	%	< 38
Hardness	TS 2013 EN ISO 1856:1999	Shore A	10
Thermal Conductivity	TS EN 12667	W/Mk	0,0372
Water Absorption	TS EN 12087:2002	kg/m2	0,1
Fire Response Class	TS EN 13501-1:2007		E
Flammability	TS EN 11925-2:2004		GEÇTİ
Utilisation temperature		°C	-40 +100
Dimensional Stability-Transversally (48 hours 70 °C)	TS EN 1604	%	0,3
Dimensional Stability-Longitudinally (48 hours 70 °C)	TS EN 1604	%	0,8
OTHER FEATURES • It is produced in 5, 10, 15 and 20 mm thickness and between 100-160 cm width. • It is compatible with Rosh and REACH standards.			

• Floormax is produced compatibly with Rosh (Restriction of Hazardous Substances) that limits the usage of lead and other toxic substances standards. • It is compatible with European Union 2001/95/EC and REACH Standards.



Heat, Sound and Moisture insulation under concrete with FLOORMAX

While Floormax makes your residence more comfortable, it also contributes to substantially reducing your heating and air conditioning expenses. Thanks to its closed cell and cross-linked structure, Floormax helps prevent the transfer of sound and heat that is transmitted by concrete and other construction elements and offers great comfort and economy with very cost-effective solutions. Floormax can easily be applied under the concrete and the neighboring walls in buildings, and it provides insulation for sound, heat, and moisture.

Application

Once all electrical and water installment operations are finished in floor applications, Floormax is laid before concrete is applied on the floor. Floormax rolls are attached to each other with Floormax adhesive tapes. To avoid sound bridges, a part of Floormax is folded up to the baseboard and set to side wall.

Floormax can be applied many ways to the neighboring walls between the floors. Floormax is used between plasterboards or brick layers that are fitfully laid. It also does not pollinate, collect dust in time and does not lose its shape, need repair or require maintenance.