

TECHNICAL DATA SHEET

Heat and sound insulation for floors Terafom

TU U V.2.7-25.2-25860560-003:2005

Product description:

Complex waterproof, heat and sound insulating material.

Product composition:

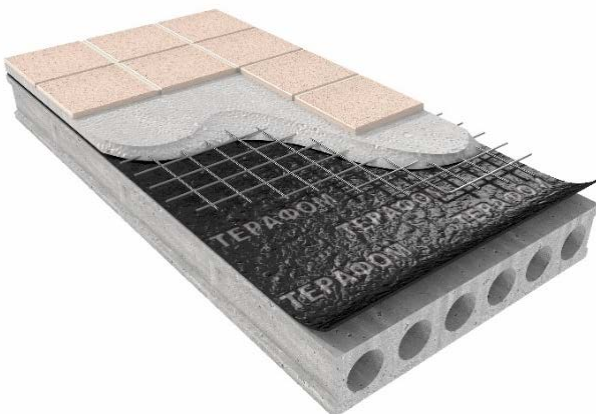
Chemically cross-linked polyethylene foam, waterproofing high-strength polyethylene film.

Scope of application:

The material is used in construction for protection from impact noise, thermal insulation and waterproofing of floors, installation of a "floating floor" (with a thickness of 4 mm or more), etc. Terafom of 3 mm thickness is used as a waterproofing material for floor coverings.

Advantages:

- excellent soundproofing (reduction of the impact noise index), hydro- and heat-insulating properties;
- strong and elastic, withstands significant dynamic and static loads;
- used when installing a "floating floor" for noise insulation in accordance with DSTU-N B V.1.1-34;
- complies with fire safety standards;
- suitable for residential buildings and industrial buildings, public facilities;
- environmentally friendly, does not contain substances harmful to human and animal life;



Color:

Black

Packaging:

Roll

Shelf life:

12 months in unopened original packaging.

Health and safety:

Before use please read the Product Safety Data Sheet.

Warranty obligations:

The manufacturer guarantees that the product meets the stated technical specifications during the storage period when stored under recommended conditions.

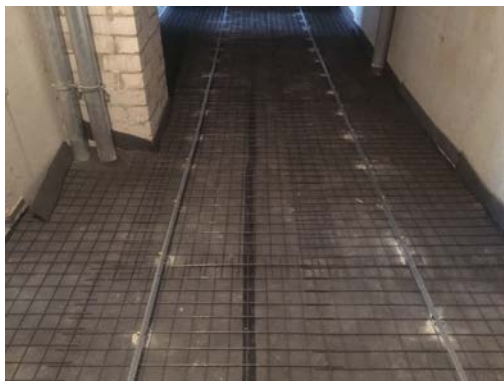
Storage conditions:

Store in a ventilated warehouse at a temperature of +5 to +40 degrees and a humidity of no more than 80% at a distance of at least 1 m from heating devices, avoid direct sunlight.

Disclaimer

The information contained in this Technical Information Sheet, including recommendations for use and application of the product, is based on our knowledge and experience of using the product. This product can have many application options and can also be used in different conditions and circumstances beyond our control. In this regard, NORMAIZOL is not responsible for the suitability of our products for the production processes and conditions in which you use this product, as well as for the intended use and results of the use of this product, and disclaims any liability for indirect or incidental damages of any kind, including lost profits. We strongly recommend that you carry out preliminary tests to confirm the suitability of our products for your purposes. Except in cases expressly agreed, and on the grounds provided for by applicable law in terms of product liability, any liability for the information contained in the Technical Information Sheet or in any other written or oral recommendations regarding this product is excluded; The exception is also cases of death or injury to health resulting from criminal negligence on our part. If, for any legal reason, NORMAIZOL is nevertheless liable, such liability shall in no case exceed the value of the relevant delivery. The data given in this Technical Information Sheet are provided for information purposes only and are considered reliable. We cannot be held responsible for the results obtained by other persons whose working methods are beyond our control. The user is obliged to determine the suitability of this production method for his purposes and to take such precautions as may be recommended to protect people and property from the dangers arising from the handling and use of this product.

Photos / Schemes:



Technical specifications:

Name	Units	Value
Density	kg/m ³	30±10%
Thermal conductivity	-	0,037
Tensile strength, not less than	kPa	150
Elongation at break in the longitudinal direction, not less than	%	100
Elongation at break in the transverse direction, not less than	%	90
Index of reduction of the induced impact noise level at thickness:		
3 mm	dB	21
4 mm		23
5 mm		24
8 mm		28
10 mm		30
Compressive strength (25%)	kPa	> 30
Operating temperature range	°C	from -40 to +80

Dimension:

Length, m tolerance ± 2%	Width, mm tolerance ± 2%	Thickness, mm tolerance ± 0,5 mm
40	1200	3; 4; 5
30	1200	8; 10

Additional information

In order to achieve the best results regarding the final properties of the products, all parameters that may affect the adhesion and durability of the products should be taken into account (surface quality, installation and operating temperatures, pre-treatment procedures, etc.). Our technical customer support service will provide you with the support and necessary information that you may need for the correct use of our products.



Properties and application of Terafom

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