

DATA SHEET

Version: 1 June 2017



GERA Frost Protection Mat

made from PE foam

Applications

Protects freshly cast concrete and screed from frost.
Prevents cracks due to extreme temperature fluctuations.

Properties

The GERA Frost Protection Mat is tear-resistant, does not stick to concrete and is delivered in particularly easy to handle rolls. It is made from polyethylene foam. This PE foam is manufactured without the use of CFCs/HCFCs. It is food safe, plasticizer-free and impermeable to water because of its cell structure.

Technical data

Material: Closed cell, extruded, moisture-resistant polyethylene foam (PE foam), bulk density of approximately 20 kg/m³

Coefficient of thermal conductivity: 0.045W/mk

Water vapour diffusion resistance factor μ : 2.900 pursuant to DIN 52615 ISO 1663

Water absorption: < 2% pursuant to DIN 53433

Fire behaviour: B2 pursuant to DIN 4102

Storage: Protect from sunlight otherwise risk of decomposition

Delivery: Thickness: approx. 8 mm and/or approx. 10 mm
1 roll = 1.50 x 50 m 1.50 x 50 m

Notes: This PE foam does not contain any environmentally harmful gases. Polyethylene is one of the most environmentally friendly plastics because it can be recycled to virtually unlimited extent without loss of quality.

The above values are intended as a guide or have been obtained under laboratory conditions and do not constitute any guarantee of product properties. We recommend carrying out preliminary tests to check that our products are suitable for use with other products. Under our General Terms and Conditions, we guarantee consistently high product quality, but due to the many possible applications we cannot accept any liability for specific results in practical applications. This data sheet supersedes any previous versions.

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