

DATA SHEET

Version: 1 June 2017



GERA 3/300 FSP

Moisture Barrier with General Building Control Certificate

Applications

Barrier against rising damp pursuant to DIN 18195 Part 4. Provides an alternative to PVC film and/or if there is any risk of damage due to the unevenness of the ground.

Properties

Moisture barrier with closed cell structure. Absorbs only small quantities of water and allows virtually no water vapour to penetrate. Excellent resistance to solvents, fuels, oils and many other chemicals. Free from CFCs/HFCs / heavy metals and silicones.

Technical data

Material composition: PE foam approx. 3.0 mm laminated with PE film approx. 300 µm with adhesive tape to secure overlapping of PE film

Test certificate: Test certificate no. P-5194/207/12-MPA BS dated 03.12.2012

Bulk density (foam) 21 kg/m³ DIN 53420 / ISO 845

Compressive strength at 25% and/or 50% compression: 0.02 N/mm² (foam) DIN 53421 / ISO 844
0.07 N/mm² (foam) DIN 53421 / ISO 844

Compression set after 25%: 5 % (foam after 22/24h) DIN 53572 / ISO 1856

Water vapour permeability: 0.375 g/m²/d DIN 52615 / ISO 1663

sd value: > 100 m DIN 52615 / ISO 1663

Water absorption: 7d (foam): < 2 Volume % DIN 53433 / ISO 2896

Thermal conductivity λ 10°C: 0.045 W/mK (foam) DIN 52612 / ISO 8301

Temperature resistance: -40 to +70°C

Storage: Protect from sunlight otherwise risk of decomposition

Delivery: 1 roll = 105 cm wide x 25 m or 50 m long (± 26.25 and/or 52.5 m²)

Notes: The substrate must be clean-swept and free from sharp-edged objects or peaks (see ABP Section 2.2).

Roll out GERA 3/300 FSP sheet for sheet. Use adhesive tape to secure any overlaps. Carefully work on walls, tubes and penetrations, etc. with GERA 3/300 SAS (system connecting tape) (see GERA 3/300 SAS data sheet).

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.