Technical Data Sheet

Hanno®-Tect-G+-phob

Product Description

Open-cell melamine resin foam, hydrophobic and oleophobic impregnated. In the EcoBalanced version, the foam has a Product Carbon Footprint (PCF) reduced by up to 50% ****.

Product Properties

- Water and oil repellent
- High temperature resistance
- Low thermal conductivity
- Excellent fire behavior
- Good chemical resistance
- Low bulk density
- Up to a 50% reduction in the foam's Product Carbon Footprint (PCF)****
- Excellent sound absorption capacity.

Applications

- Vehicle construction
- Rail
- Heat and sound insulation

Form of Delivery

- Sheets
- Blanks
- Punched parts
- Self-adhesive finish possible
- Can be modified with various surfaces
- Available in thicknesses from 5 to 50 mm

Processing

Bonding only on dry, grease-free, clean substrates. Press surfaces down well. You can easily adjust the material and cut it to size with a sharp knife.The contact pressure required for full-surface contact must be ensured. Processing temperature: 18 - 25°C. You can easily adjust the material and cut it to size with a sharp knife.

Special Instructions

Despite its water-repellent properties, Hanno®-Tect-G+-phob must not be used for outdoor applications/exposure to the elements. Due to the manufacturing process, color variations may occur; the product has a mixed pore structure. Up to 10 pores per m² with a diameter of 5 to 15 mm can occur and are no reason for complaint.

Due to the manufacturing process, thickness tolerances of ± 10% may occur.

Technical Data

Property	Standard	Value
Color	–	grade
Volume weight	EN ISO 845	10 ± 2 kg/m³
Fire behavior	EN 45545-2 FMVSS 302 / DIN 75200 / ISO 3795	HL2 BHRM * SE
Maximum application temperature	–	150°C
Thermal conductivity	EN 12667	≤ 0,035 W/(m K) (10°C, 50 mm)
Sound absorption coefficient	ISO 10534	≥ 90% (d = 50mm, f = 2000Hz)
Storage duration	–	9 Months **

* BHRM: Brandhaus Rhein-Main GmbH & Co. KG, Frankfurt a.M. ** Original packaging (or equivalent), 5-30°C, dry, protected from UV light and weather conditions
**** Based on a comparison of Basotect G+ eco Balanced foam versus Basotect G+ foam, achieved through the use of 100% renewa-ble electricity sources and 100% renewable raw materials, as certified by REDcert2-929-35418234. The exact value of the PCF reduction depends on the reference period and seasonal fluctuations (for the 2024 reference period, this value is 47%).

Hanno®-Tect-G+-phob

Cleaning

The material is not expected to cause any significant soiling. In the case of self-adhesive parts, adhesive residues can be removed with benzine if necessary. The safety instructions for the cleaning agent used must be observed.

Environment, Disposal and Safety

Based on available data and experience, the product is not a hazardous substance within the meaning of the Hazardous Substances Ordinance and corresponding EC directives. However, we recommend observing the usual care and hygiene when handling chemical substances. Residues can be disposed of with household waste. Local regulations must be observed.

The product complies with the following directives and fulfills the required restrictions on use: 1907/2006 (REACH), 2011/65 (RoHS2), 2015/863 (RoHS3), 2019/1021 (POP), 517/2014 (greenhouse gases), 2024/590 (depletion of the ozone layer).

The foam in the EcoBalanced version has a Product Carbon Footprint (PCF)*** reduced by up to 50%.

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Limitation of liability

Our general terms and conditions of sale with warranty conditions, which you can refer to at www.hanno.com, apply. This datasheet provides non-binding information without guarantee. The stipulated instructions for use are to be adapted to the respective conditions. The user is obligated to check the suitability and applicability through their own testing in order to avoid failures for which we assume no liability. Subject to technical changes. In case of discrepancies, the German version shall prevail.

You can request the latest version of this datasheet at info@hanno.com.

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