Technical Data Sheet

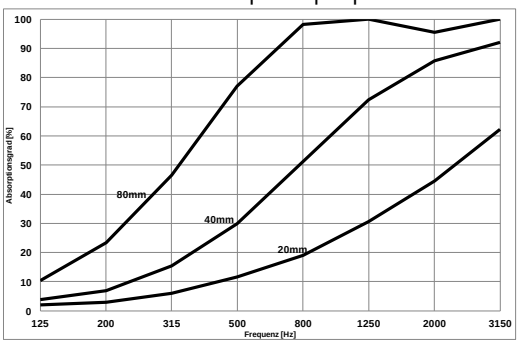
Hanno®-Tect-o-phob

Product description

Hanno®-Tect-o-phob is an open-cell foam material made from melamine resin with hydrophobic and oleophobic properties.

Product properties

- high level of temperature resistance
- low thermal conductivity
- good chemical resistane
- good fire behavior
- water and oil repellent
- low apparent density
- excellent sound absorption properties.



Sound absorption according EN ISO 10534-2

Form of Delivery

blanks, stampings, self-adhesive, with modified surfaces, available in thicknesses of between 5 and 90mm

Processing

Only adhere it to dry, grease-free, clean substrates. Press the surface areas on well. You can easily adapt the material and cut it to size with a sharp knife.

Environment and disposal

Hanno®-Tect-o-phob does not contain any propellants when delivered and is not subject to labelling pursuant to the German Hazardous Substances Ordinance.

Technical Data

Colour	–	grey
Fire Behaviour	EN 45545 FMVSS 302	HL2, BHRM* SE
Maximum application temperature	DIN EN ISO 2578 (acc. DIN ISO 3386-1)	150°C
Bulk density	EN ISO 845	7 ± 3 kg/m³
Compression hardness	EN ISO 3386-1	> 2,5 kPa (40 %)
Tensile strength	ISO 1798	> 80 kPa
Elongation at break	ISO 1798	> 15 %
Residual compression set	EN ISO 1856	< 20 %
Thermal conductivity (foam)	EN 12667	<= 0,040 W/(m K) (10°C, d = 50mm)
Degree of sound absorption	ISO 10534	≥ 90% (d = 50mm, f = 2000Hz)
Shelf life	–	9 month **

* BHRM: Brandhaus Rhein Main, Frankfurt, ** originally packed (or äquivalent), 5-30°C, dry, no UV or weathering conditions

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Hanno®-Tect-o-phob

Tect waste can be thermally and materially recycled. Pure bonded foams with densities of between 25 and 100 kg/m3 have an excellent sound absorption in lower and medium frequency ranges.

Loose flock fillings of Tect have already been successfully applied to the cavities of intermediate ceilings with the objective of improving their acoustic properties.

Safety Instructions

In view of the existing data and experience, the product is not hazardous material in the meaning of the Hazardous Material Regulations and the corresponding EC directives. We recommend however that you take the same care and use the same hygiene as is customary with working materials. Suitable measures are to be taken in order to ensure that the result dust is not inhaled.

Special Instructions

Despite being hydrophobic, Hanno®-Tect-o-phob is not suitable for outdoor application/outdoor exposure. The product has a manufacturing-related mixed pore structure. Up to 10 pores per m² with a diameter of between 10 and 20 mm can occur and do not give cause for complaint. Pores < 10mm do not give cause for complaint. Colors may vary due to conditions in production.

Thickness tolerances up to ±10% are possible for technological reasons.

Restriction of liability

Our General Terms and Conditions of Sales with the warranty conditions which you can refer to at **www.hanno.com**, apply. This data sheet provides non-binding information without the assurance of guarantee. The stipulated instructions for use are to be adapted to the given conditions. The user is obligated to validating the suitability and application possibility of the product by testing it himself, so as to avoid failures for which we assume no liability. The right to make technical changes is reserved.

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

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