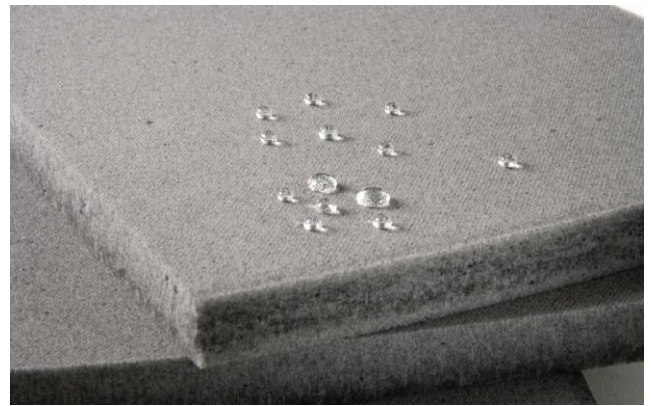


Technical Data Sheet

Hanno®-Tect-o-phob

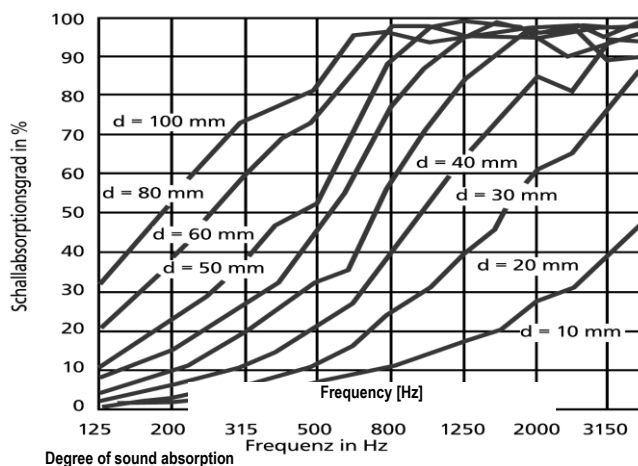


Product description

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

Product properties

- Water and oil repellent
- high level of temperature stability
- low thermal conductivity
- good fire behaviour, flame-retardant
- good chemical resistance
- low apparent density
- excellent sound absorption properties



Form of delivery

- blanks, stampings
- self-adhesive
- with modified surfaces
- available in thicknesses of between 5 and 55 mm

Handling

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.

Special Instructions

Despite being hydrophobic, Hanno®-Tect-o-phob is not suitable for outdoor application/outdoor exposure. Colors may vary due to conditions in production. The product has a manufacturing-related mixed pore structure. Up to 10 pores per m² with a diameter of between 5 and 15 mm can occur per m² and do not give cause for complaint.

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

Technical Data Sheet

Hanno®-Tect-o-phob

Technical Data

Colour		grey
Fire behaviour	CEN/TS 45545-2:2009: ISO 5660-1 ISO 5659-2 ISO 5658-2 DIN 5510-2 DIN 54837 ISO 5659-2 FMVSS 302	RST* 5 & 50mm: MARHE = <60 kW/m ² (P60-12-5041 & 5042) 5 & 25mm: CIT _G <0,75; Ds<200; VOF4<300 (P60-12-4073 & 4074 & 3282 & 3283) 5 & 70mm: CFE>20 kW/m ² (P60-12-0634 & 0635) RST* 5 & 80mm S4, SR2, ST2 (P60-14-0698 & 0699) FED =< 1 (P60-14-3460) SE
Maximum application temperature		150°C
Bulk density	DIN EN ISO 845	7 +3/-3 kg/m ³
Compression hardness	DIN EN ISO 3386-1	>3 (40%)
Tensile strength	DIN ISO 1798	>80kPa
Elongation at break	DIN ISO 1798	>15%
Residual compression set	DIN EN ISO 1856	<20%
Thermal conductivity	EN 12667	< 0,032-0,038 W/mK (10°C, d = 50mm)
Degree of sound absorption	DIN ISO 10534	≥ 90% (d = 50mm, f = 2000Hz)

* RST: Rail System Testing GmbH, Henningsdorf

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.

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 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.

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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