



Product description

Hanno®-Tect-o-phob AL18 is a flexible open-cell foam material made from melamine resin with hydrophobic and oleophobic properties laminated with an aluminium foil.

Material Composition

Thickness	depends on the structure
Melamine resin foam	5 – 50 mm
Aluminum foil	18 µm

Product properties

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

Form of Delivery

blanks, stampings, self-adhesive, available in thicknesses between 5 and 50 mm

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.

Special Instructions

Despite being hydrophobic, Hanno®-Tect-o-phob AL18 is not suitable for outdoor application/outdoor exposure.

Technical data

Colour	-	Grey, surface aluminium
Fire behaviour	EN 45545-2: EN 13501 FMVSS 302	HL3, R1/R7/R17, BHRM* E SE
Maximum application temperature	DIN EN ISO 2578 (acc. DIN ISO 3386-1)	150°C
Bulk density	DIN EN ISO 845	7 ±3 kg/m ³
Thermal conductivity foam	EN 12667	< 0,032 – 0,038 W/mK (10°C, d = 50mm)
Shelf life	-	9 Month **

* BHRM: Brandhaus Rhein-Main GmbH & Co. KG, Frankfurt a.M.

**Storage environment: 5-30°C, dry, protected from ultraviolet radiation and weather, in original pack (or equivalent). Storage life for adhesive coated products

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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 10 and 20 mm can occur per m² and do not give cause for complaint. Thickness tolerances up to ±10% are possible for technological reasons.

Cleaning

No material pollution is to be expected. With self-adhesive parts, adhesive residues can be removed with a petrol-based cleaning agent if necessary. The safety regulations for the cleaning agent used must be observed.

Environment and disposal

Hanno®-Tect-o-phob AL18 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.



Hanno[®]-Tect-o-phob AL18

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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