Technical Data Sheet

Hanno®-Tect UF AL 18

Product description

Open-celled flexible melamine resin foam laminated with an aluminium foil.

Foam	5 – 50 mm
Aluminium Foil	18 µm
Hotmelt	PO 20g/m²

Product Properties

- High temperature resistance
- low thermal conductivity
- favorable fire behavior
- good chemical resistance
- low bulk density
- excellent sound absorption

Application

Vehicle construction, heat and sound insulation.

Form of Delivery

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

Processing

Only adhere to dry, fat-free and clean substrates. Press on well. The contact pressure which is required for full-surface contact has to be ensured. Processing temperature: 18 – 25°C. You can easily adapt the material and cut it to size with a sharp knife.

Special Instructions

Hanno®-Tect-UF AL 18 should not be used for outdoor applications/exposure to weather despite its coating. Color variations may occur due to manufacturing.
The product has a mixed pore structure due to manufacturing, with up to 10 pores per m² with a diameter of 10 to 20 mm, which is not a reason for complaint. Pores with a diameter <10mm are not a reason for complaint.
The sorption behavior of the melamine resin in conjunction with the open-cell pore structure leads to dimensional changes of ±2% depending on the surrounding humidity. Due to the manufacturing process, tolerances in thickness of ±10% may occur. Generally, the dimensional tolerance of DIN 7715-P3 can be maintained. If special requirements on the dimensional stability are important, please contact our customer service team.

Cleaning

No significant soiling by the material is to be expected. When using self-adhesive components, residue adhesive can be removed with a petroleum-based cleaning agent, if necessary. Please observe the safety regulations for the used cleaning agent.

Technical Data

Colour	–	gray, surface aluminum
Fire Behaviour	EN 13501 FMVSS 302	E fulfilled SE
Maximum application temperature	DIN EN ISO 2578 (DIN ISO 3386-1)	150°C
Maximum application temperature adhesive		100°C
Bulk density	DIN EN ISO 845	7 ± 3 kg/m³
Thermal conductivity faoam	DIN EN 12667	<= 0,040 W/(m K) (10°C, d = 50mm)
Low temperature stability	–	-40°C (applied)
Shelf life	–	9 month **

**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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Environment and disposal

Hanno® Tect can be disposed of as residential waste according to local disposal regulations.

Safety Instructions

Based on available data and experience, the product is not a hazardous substance as defined by the Hazardous Substances Regulation and corresponding EU directives. We recommend however that you take the same care and use the same hygiene as is customary with working materials.

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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