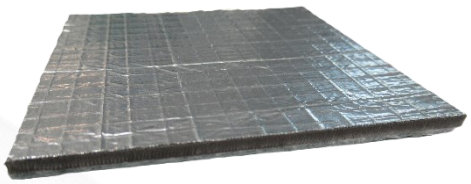
Preliminary Technical Datasheet

Hanno®-HL 8 PEVA AL

Product Description

Hanno®-HL 8 PEVA AL is a flexible, bitumen-free elastic heavy foil for structure-borne sound damping and airborne sound insulation, laminated with aluminum foil.



Product Properties

- Polymer film with mineral fillers
- Nonwoven interlayer and aluminum lamination
- Soundproof
- Can be equipped with self-adhesive
- Excellent fire behavior (HL3 according to EN 45545)

Applications

- Airborne sound insulation
- Structure-borne noise reduction
- Automotive industry
- Railway transportation
- Building services

Form of Delivery

- Plates
- Rolls
- Cut-outs
- Stamped parts
- Can be equipped self-adhesive

Processing

Adhesion only on dry, grease-free, clean surfaces. Press surface firmly. Ensure full-surface bonding. The adhesive strength is reduced when cold bonding and is crucially dependent on the pressure applied. Best processing at a minimum of +15 to +30 °C (if necessary, heat the material).

Technical Data

Property	Standard	Value
Color	–	grey, surface aluminum
Composition	–	PE, EVA, mineral fillers, additives, PES-PP fleece, surface aluminum
Thickness	–	5,8 mm ±10%
Weight per area	–	8 kg/m² +-10%
Fire behavior	DIN EN 13501 FMVSS 302 EN 45545-2	Class E * SE * HL3 **
Shelf life	–	Without direct sunlight or other weather influences, with self-adhesive 12 months.
* Internal, **initial examination, classification pending		

Special Instructions

The product is conditionally suitable for partially exposed or exposed outdoor applications. Additionally, mechanical fixation is recommended in the installed state.

Hanno®-HL 8 PEVA AL is a developmental product without complete testing. Technical data is based on manufacturer specifications. Availability is subject to technical review and feasibility for the desired dimensions. Technical changes are possible as development continues.

Hanno®-HL 8 PEVA AL

Cleaning

No significant contamination is to be expected from the material. In the case of self-adhesive parts, adhesive residues can be removed with petrol if necessary. The safety regulations for the cleaning agent used must be observed.

Environment, Disposal and Safety

Based on existing data and experience, the product is not classified as a hazardous substance under the Hazardous Substances Regulation and corresponding EC directives. However, we recommend observing the usual care and hygiene practices for handling chemical substances. Residues can be disposed of with household waste. Local regulations must be observed.

The product complies with the following directives, or meets the required application restrictions: 1907/2006 (REACH), 2011/65 (RoHS2), 2015/863 (RoHS3), 2019/1021 (POP), 517/2014 (Greenhouse Gases), 2024/590 (Ozone Layer Depletion).

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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