

## Technical Datasheet

### Hanno®-Protecto *pf* 1000

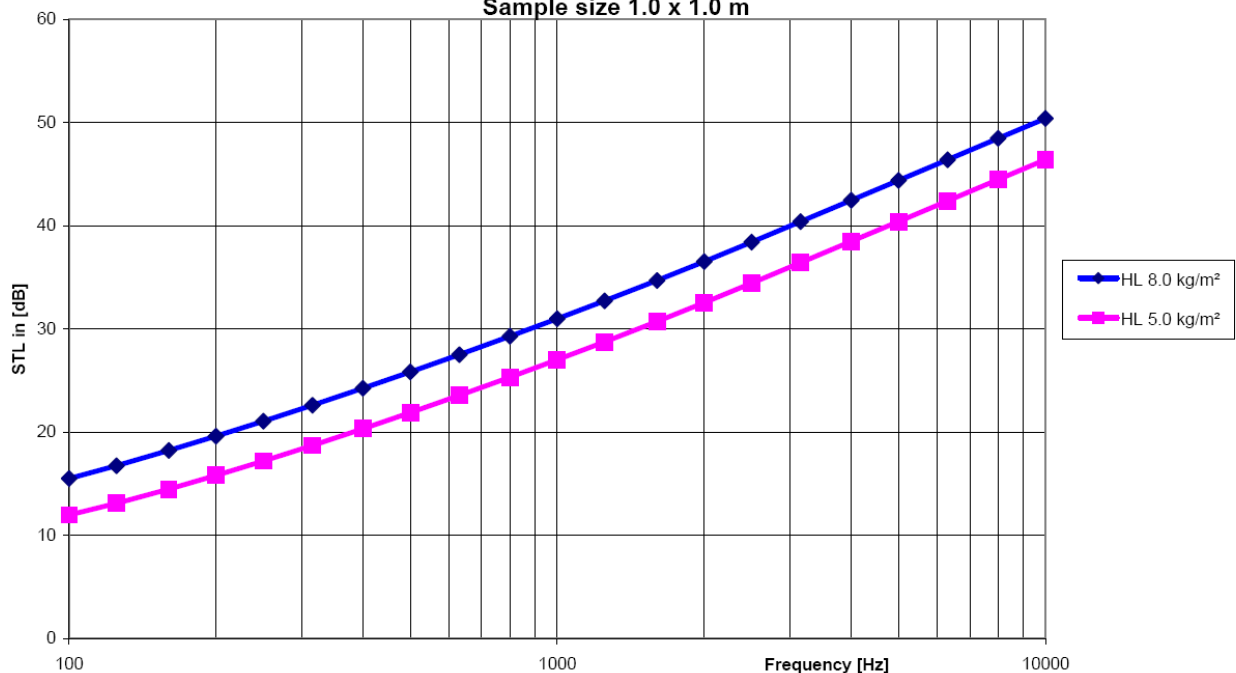
#### Product description

Protecto *pf* 1000 is a flexible, bitumen-free heavy layer foil sheeting for the damping of structure-borne sound and airborne sound insulation.

#### Product properties

- foil sheeting on a polymer basis (e.g. PE, EVA) with mineral fillers and additives
- self-adhesive
- sound transmission insulation (SEA J-1400)

Sound Transmission Loss predicted according to SAE J-1400  
with AutoSEA2004 for 5.0 and 8.0 kg/m<sup>2</sup> Heavy Layer  
Sample size 1.0 x 1.0 m



#### Areas of application

Airborne sound insulation, structure-borne sound damping, the automotives industry, railway traffic and medical engineering

#### Processing

Only adhere to dry, fat-free and clean substrates. Press the surface on well. Ensure an adhesion over the entire surface! The adhering strength with cold adhesion, decisively depends on the pressing force. The best processing results can be achieved at a minimum of between +15 and +30°C.

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### Form of delivery

Sheets, rolls, blanks, punches, with a self-adhesive coating.

### Technical data

Thickness:	pf1000 -2: 1.1 mm ± 0.2 mm -3: 1.5 mm ± 0.3 mm -8: 4 mm ± 0.4 mm
Grammage:	-2: 2 kg/m <sup>2</sup> ± 10% -3: 3 kg/m <sup>2</sup> ± 10% -8 : 8 kg/m <sup>2</sup> ± 10%
Fire behaviour:	DIN 4102 conform with B2 (from 3Kg/m <sup>2</sup> ) DIN 5510-2 S3, SR2, ST2
Thermal conductivity:	DIN EN 12667 0.23 – 0.26 W/(m K)
Colour:	grey
Ingredients:	thermoplastic polymers (e.g. PE, EVA), mineral fillers, additives
Environmental compatibility:	no environmental impact
Disposal:	material and energy can be recovered
Storage:	1 year without direct exposure to the sun or other weather effects

### Safety instructions

On the basis of 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 with chemical materials.

### Guarantee instructions

Our General Terms and Conditions of Sales with the warranty conditions which you can refer to at [www.hanno.com](http://www.hanno.com), have validity. This data sheet provides non-binding information without the assumption of a 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](mailto:info@hanno.com).