



Enjoy the silence

Reduce noise and structure-borne sound – with HANNO

The HANNO advantages at a glance

- Simultaneous thermal and sound insulation
- High acoustic and thermal comfort
- Travel comfort and customer friendliness: HANNO solutions help reduce wind and vibration noise in the train compartment, even at high speeds
- More peace and travel comfort in the train compartment
- Many years of experience for comprehensive acoustic expertise



Products for trains and trams

Less shaking. Less rattling. Less droning.

The highly effective HANNO products for soundproofing, sealing and thermal insulation keep noise in rail vehicles low. To meet the special fire protection requirements, these materials are flame-retardant and tested in accordance with EN 45545.

In order to meet the special requirements of fire protection these materials are flame-retardant and tested in accordance with EN 45545.

- Do you want to get your guests to their destination in a relaxed manner?
- Do you want to start using solutions today for future PFAS restrictions?
- Do you want to avoid the intentional use of PFAS in your design?
- Do you want to be innovative and set standards?



HANNO manufactures die-cut foam parts for noise protection and thermal insulation in trains and trams.

You can rely on HANNO and our innovative products:



Hanno®-Tect

Flame-retardant, lightweight, sound-absorbing and thermally insulating – Hanno®-Tect is available in many product variants (e.g. with an aluminum foil, oleophobic / hydrophobic adjustable).



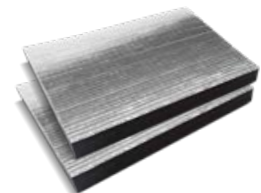
Hanno®-Tect-F-free

Reliably sound-absorbing and hydrophobic – manufactured without the intentional use of PFAS.



Hanno®-Tect-G+-phob

Our proven Hanno®-Tect with all the excellent properties and additionally hydrophobic and oleophobic. Self-adhesive and can be laminated with an aluminum foil.



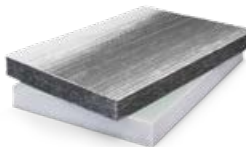
Hanno®-PE 16 P HF AL

Polyethylene foam with particularly high hydrolysis resistance and chemical resistance. Laminated with an aluminum foil. Can be self-adhesive. Also available with a dimpled structure in the DRY version.



Hanno®-Tect-o-phob

An open-cell melamine resin foam. Hydrophobic and oleophobic. Ultra-flexible and lightweight (7 kg/m³). Also available laminated with an aluminum foil.



Hanno®-Fiber 20 and 30

All-round product with excellent properties. This polyester fiber fleece with different densities can optionally be self-adhesive and equipped with an aluminum foil.



Hanno®-Fiber 20 H and 30 H

Sound insulation element made of a special hydrophobic polyester fiber fleece with very good air-borne sound absorption. It can be self-adhesive and equipped with aluminum foil.



Hanno®-Redusoft DI 150 FR

Hanno®-Redusoft is resistant to hydrolysis and offers high long-term elasticity. This makes Redusoft an excellent choice for dust, moisture and sound sealing.

HANNO Werk GmbH & Co. KG

Hanno-Ring 3 – 5 Phone: +49 5102 7000-0
30880 Laatzen info@hanno.com
Germany www.hanno.com

