Construction machinery, agricultural machinery and commercial vehicles

# Reduce noise and structureborne sound – with HANNO!

The HANNO advantages at a glance

- Quiet driving experience
- Rattle and splash protection protects sensitive components
- Noise damping increases safety and concentration

HANNO knows how!

ustry's ma

- Optimum acoustics while driving
- Many years of experience ensure the highest know-how

Further information: See back page



### Construction machinery, agricultural machinery and commercial vehicles

## HANNO products for vehicle construction

#### Many years of experience ensure the highest know-how

Sound insulation and soundproofing play a major role in vehicles to ensure pleasant, stress-free journeys. HANNO offers many highly effective solutions that significantly reduce structure-borne noise in construction/agricultural machinery and commercial vehicles.

Close cooperation with leading vehicle manufacturers leads to tailor-made solutions for the complex challenges in the automotive industry.

- Do you want to reduce noise inside the vehicle?
- Do you want to reduce sound emission to the outside?
- Do you want to reduce the propagation of structureborne noise and optimize the acoustics?
- Do you want to install seals?

Then we particularly recommend these products:

#### Lining of cabins

Hanno<sup>®</sup>-Protecto

Seals

Highly absorbent special foams.

The surfaces are designed for a

aluminum lamination, skinning).

wide range of problems (e.g.

#### **Heavy layers**



HANNO manufactures die-cut foam parts for noise protection and thermal insulation in vehicles

#### **Covered applications**



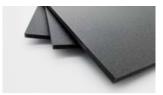
Hanno<sup>®</sup>-HW 30 sfl / HW 37 dbl HANNO's raw foams have good UV resistance (polyester foam) or good hydrolysis resistance (polyether foam).

#### Sound absorption. Flame retardant. Lightweight.



#### Hanno<sup>®</sup>-Tect Lightweight, sound-absorbing, flame-retardant and thermally insulating - Hanno®-Tect is available in many product variants (e.g. with an aluminum foil, oleophobic / hydrophobic adjustable).

#### **Condensate treatment**



Hanno<sup>®</sup>-PE-Foams These foams are characterized by a particularly high resistance to hydrolysis and chemical resistance.

#### **Molded parts**



Hanno<sup>®</sup>-Redusoft Hanno<sup>®</sup>-Redusoft is resistant to hydrolysis and permanently elastic for years. This makes Redusoft an excellent choice for dust, moisture and sound sealing.





application.

Hanno<sup>®</sup>-Cellular Rubber

elastic seals of various types.

qualities for various areas of

HANNO offers a wide range of

The closed-cell, soft-elastic cellular

rubber is particularly suitable for

#### Hanno Werk GmbH & Co. KG Hanno-Ring 3–5 30880 Laatzen Germany

Phone: +49 5102 7000-0 info@hanno.com www.hanno.com

Hanno<sup>®</sup>-Protecto pf These bitumen-impregnated boards and foils have a stiffening

head bonding.

**Gap closure** 



and weight-increasing effect.

Good adhesion even with over-

Hannoband®-BG1 and BG2 The permanently elastic and sound-insulating Hannoband®-BG1 and BG2 sealing tapes are resistant to ageing and hydrolysis.