

Technical Data Sheet

Last revision: 24.04.2026

griwephon light hydrophob sound deadening mass

General Information

Article number: **AN2-900**

Usage: The sound deadening compound **griwephon AN2-900 light** is a water-resistant, solvent-free sound deadening compound based on an aqueous synthetic resin dispersion, offering very high acoustic effectiveness as well as thermal insulation properties.

griwephon AN2-900 light meets the requirements of DIN EN 45545-2:2020 and DIN EN 45545-2:2023 for hazard levels HL1, HL2, and HL3 in the application areas R1, R2, R3, R6, R7, and R17. The sound deadening compound dries quickly up to a layer thickness of approximately 5 mm and provides excellent adhesion properties on a wide variety of substrates. By using griwephon light sound deadening compound, a weight reduction of up to 40% can be achieved compared to conventional materials.

Test Certificates

Classification Report acc. DIN EN 45545-2:2020 & DIN EN 45545-2:2023
DB Systemtechnik GmbH, Test report No. DB-ST-BE-24-73441-046-2.1

Fire test acc. BS 476-6
BASF, Test report Nr. 10618/36346

Fire test acc. BS 476-7
BASF, Test report Nr. 10618/36347

Density of smoke gases acc. BS 6853 Annex D.8.4
Currenta, Test report Nr. 13/0821

Toxicity of smoke gases acc. BS 6853 Annex B.2
Currenta, Test report Nr. 13/0876

Determination of the loss factor acc. DIN EN ISO 6721-3
Müller BBM, Test report Nr. M52 633/11

Adhesion test acc. DIN EN ISO 6270-2
Wörwag, Test report Nr. 04306/1

Heat conductivity acc. EN 12664
FIW München, Test report Nr. F.2-968/09

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Physical properties

Colour:	yellow, other colours on request
Viscosity:	thixotrope
Density wet:	approx. 1.0 – 1.05 g/cm ³
Density dry:	approx. 0.8 g/cm ³
pH-value:	approx. 7 – 8.5
Consumption:	approx. 1.0 kg per m ² for 1 mm dry coating
Loss factor:	0.22 according to DIN EN ISO 6721-3

Application

Area of application:	<p>griwephon light hydrophob sound deadening mass is used as a deadening effect on thin-walled sheet metal constructions in plant and equipment, vehicle, wagon, shipbuilding and container construction.</p> <p>griwephon light hydrophob sound deadening mass is applied wherever lasting waterproof properties are required in addition to the other characteristics. When constructing railway wagons and containers, one must make sure that drainage holes are mounted on the floor area enabling the coating to dry from time to time.</p>
Application:	Please pay attention to a uniform layer that is free of gaps. Only use clean working equipment.
Substrates:	<p>Steel plate with corrosion inhibiting primer, galvanized steel plate, anodized aluminium, coil sheet etc. The surface must be free from dirt, oil and grease.</p> <p>We principally advise an adhesion test beforehand.</p>
Coating thickness:	5 mm wet coating (corresponds to 4.8 mm dry coating) possible in one operation.
Processing equipment:	Airless processing, AirMix processing and manual processing possible. For detailed processing instructions, see working instructions.
Processing temperature:	more than 15 °C recommended
Drying:	Transport dry (the trolley can be moved) after 12 to 18 hours with 5 mm dry film. Drying at room temperature and 50% relative humidity.
Clean-Up:	Immediately in the wet state with water, if necessary in addition with a household detergent.

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Consignment & Storage

Packaging:	30 kg one-way-hobbock, 200 kg steel drum with inlet
Storage:	Keep dry and cool, but frost free! The product can be stored for a minimum of 9 months when kept sealed in the original container. Once the container is opened or diluted, use it soon and keep it tightly closed for storage.
Disposal:	Completely emptied containers can be recycled. Containers with hardened remains are residual waste. Containers with liquid remains are special waste and should be disposed at special collecting points according to the locally valid laws on waste disposal. You will find further information regarding the correct disposal on our MSDS.

Hazardous warning

No labelling required as product is non-hazardous.
Please also follow the instructions on the MSDS.

Do you need advice?

Get in touch with us. We are looking forward to your inquiry.