

Technical Data Sheet

Last revision: 10.08.2022

griwephon light hydrophob sound deadening mass

General Information

Article number:

AN2-900

Usage:

griwephon light hydrophob sound deadening mass is a waterproof, solvent free, deadening material based on an aqueous synthetic resin dispersion with a very high acoustic effectiveness, as well as insulating properties.

griwephon light hydrophob sound deadening mass is of low flammability according to DIN 5510 part 2 tendency to burn classification S 4. The deadening material dries quickly up to a thickness of approx. 5 mm with very good adhesion properties on many different surfaces.

By the use of griwephon light hydrophob sound deadening mass a weight reduction of up to 40 % can be reached compared to traditional materials.

Test Certificates

Classification Report acc. EN 45545-2:2013+A1:2015

Currenta, Test report Nr. 18/1712-1

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 spraying machines with a ratio of minimum 65:1 (better higher with long supply lines), machines with atomized air with a ratio 12:1 (plunger pump) and screw conveyors with atomized air with approx. 3-4 bar input pressure. Hand tools, e.g. spatula or mortar trowel are also possible. Stir-up according to the instructions.
Processing temperature:	more than 15 °C recommended
Drying:	Transport-dry after 12 to 18 hours with a dry-coating of 5 mm and a standard climate of 20/55.
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.

You want advice?

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