

griwephon hydrophob sound deadening mass

General Information

Article number: **AN2-800**

Usage: griwephon 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 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 approximately 5 mm with very good adhesion properties on many different surfaces.

Test Certificates

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

Currenta, Test report Nr. 18/1711

Determination of the loss factor acc. DIN EN ISO 6721-3

Müller-BBM, Test report Nr. 52 633/18

Determination of weighted summation of toxic fume acc. British Standard BS 6853 Annex B.2

Bayer, Test report Nr. 04/441

Smoke density acc. British Standard BS 6853 Annex D 8.4

Bayer, Test report Nr. 04/254

Fire propagation acc. British Standard 476-6

Bayer, Test report Nr. 5290/18252

Surface spread of flame acc. British Standard 476-7

Bayer, Test report Nr. 5092/17765

Exhaust emission test acc. NF X70-100:2006 French Standard NF F16-101

Currenta, Test report Nr. 08/1168

Smoke opacity acc. NF X10-702:1995 French Standard NF F16-101

Currenta, Test report Nr. 08/1168

Radiation acc. NF P92-501:1985 French Standard NF F16-101

Currenta, Test report Nr. 07/1171

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Combustion behaviour acc. NF P92-507:2004 French Standard NF F16-101
Currenta, Test report Nr. 07/1171

Certyfikat Zgodnosci (Poland)
CNTK, Test report Nr. CZ CNTK - 02/2010

Physical properties

Colour:	beige and black, other colours on request
Viscosity:	thixotrope
Density wet:	approx. 1.4 g/cm ³
Density dry:	approx. 1.2 g/cm ³
Solids content (weight %):	approx. 78 % ± 2 %
pH-value:	approx. 7 – 8,5
Consumption:	approx. 1.2 - 1.4 kg per m ² for 1 mm dry coating
Loss factor:	0.2 according to DIN EN ISO 6721-3
Heat conductivity:	approx. 0.2 W/mK

Application

Area of application:	<p>griwephon sound deadening mass is used as a deadening effect on thin-walled sheeting in plant and equipment, vehicle, wagon, shipbuilding and container construction. Further uses for the product include incineration plants, lifts, facades, ventilation ducts, power stations, etc.</p> <p>griwephon 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:	<p>Please pay attention to a uniform layer that is free of gaps. Only use clean working equipment.</p> <p>The dry coat of griwephon hydrophob sound deadening mass can be overcoated with conventional coatings (e.g. 1-K, 2-K, containing solvents or solvent-free). We recommend an adhesion test before.</p>

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Substrates:	Steel plate with corrosion inhibiting primer, galvanized steel plate, anodized aluminium, coil sheet etc. The surface must be free from dirt, oil and grease. We principally advise an adhesion test beforehand.
Coating thickness:	5 mm wet coating (corresponds to 4 – 4.5 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 like e.g. spatula or mortar trowel are also possible.
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. Forced drying possible up to 50° C.
Clean-Up:	Immediately in the wet state with water, if necessary in addition with a household detergent.

Consignment & Storage

Packaging:	40 kg one-way-hobbock, 250 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.

Our technical data sheets and brochures are to inform you to the best of the company's knowledge.
However, they are not legally binding.