

griwephon

sound deadening mass

General Information

Article number:	AN2-700 / AN2-701
Usage:	griwephon sound deadening mass is a solvent free deadening material based on an aqueous synthetic resin dispersion with a very high acoustic effectiveness, as well as insulating properties. griwephon sound deadening mass is of low flammability according to DIN 4102 part 1 classification B1. The deadening material dries quickly up to a thickness of approximately 6 mm, with very good adhesion properties on many different surfaces.

Test Certificates

National Technical Approval
(Allg. bauaufsichtliche Zulassung)
DIBT, Approval no.: Z-56.212-3527

Certificate of compliance
MPA Stuttgart, No: ÜZ-BWU03-I 16.2.678

Determination of the loss factor acc. DIN EN ISO 6721-3
Müller-BBM, Test certificate No. 52 633/1

Absorption capacity of condensation according DIN 50017
SK Umwelttechnik GmbH, Test certificate No. L 1280 GU 02

Fire behavior according DIN 4102 part 1
Baustoffklasse B1, MPA Stuttgart, Test certificate No. 901 8320 015-1



Brandverhalten als Verbund:
Schwerentflammbar (Baustoffklasse
DIN 4102-B1) - Schichtdicke max.
5 mm auf unlackierten oder lackierten
metallischen Untergründen

U-Zeichen gemäß Übereinstimmungszeichen-Verordnung ÜZVO - Fassung Mai 1998

Physical properties

Colour:	beige and black, other colours on request
Viscosity:	thixotrope
Density wet:	approx. 1.5 g/cm ³
Density dry:	approx. 1.3 g/cm ³
Solids content (weight %):	approx. 80 %
pH-value:	approx. 7 – 8,5

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Consumption:	approx. 1.2 - 1.4 kg per m ² for 1 mm dry coating
Loss factor:	0.22 according to DIN EN ISO 6721-3
Heat conductivity:	approx. 0.2 W/mK
Absorption capacity of condensation:	> 98 g / m ² / mm dry coating (12 h DIN 50017 SK)

Application

Area of application:	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.
Application:	Please pay attention to a uniform layer that is free of gaps. Only use clean working equipment.
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. Basically, griwephon sound deadening mass AN2-701 is suited to be used on coated surfaces, too. Because of the multitude of different surfaces a clean and sustainable coating which is free of additives on the surface is required. 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 60:1 (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.

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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.