

Antiphon - hydrophob

General

Article Group: AN2-800

Characteristics: griwecolor Antiphon hydrophob 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. griwecolor Antiphon, hydrophob is non flammable according to DIN 5510 Teil 2 Klasse S 4, dries quickly and is resistant to cracking up to a thickness of approx. 5mm with a very good bonding property on many different surfaces.

Test report

Firetest DIN 54837

DB-Systemtechnik, Brandenburg Nr. 091-PR-8050-03

Regulation of the loss factor

Müller-BBM Prüfbericht Nr. 52 633/1

Fire resistance test DIN 4102-8

Test report 04/500

Determination of weighted summation of toxic fume, R, according BS 6853 Annex B.2 Area based test method

Test report 04/441

British Standard 476-6: Fire test on building materials and structures Part 6 Method of test for fire propagation for products

Test report 5290/18252

British Standard 476-7: Fire test on building materials and structures Part 7 Method of the test to determine the classification of surface spread of flame of products

Test report 5092/17765

Smoke density according BS6853 Annex D.8.4 - panel test

Test report 04/254

Physical Properties

Colour: Beige

Viscosity:	Thixotrop
Density:	approx. 1.4 g/cm ³
Solid: Weight%:	78 % +- 2 %
pH-level:	approx 7 to 7,5
Consumption:	approx 1.2 -1.4 kg per m ³ per 1 mm coating
Drying Time:	transport dry after 12 to 18 hours with a coating of 4 mm and a standard climate of 20/55. Forced drying up to 50°C is possible
Loss factor:	DIN EN ISO 6721 - 3 0.21 (see Test report)
Heat conductivity:	approx 0.2 W/mK

Areas of Application

griwecolor Antiphon, hydrophob is used as a deadening effect on sheeting in plant and equipment as well as vehicle, wagon, shipbuilding and container construction. Further uses for the product include incineration plants, lifts, facades, ventilation ducts, power stations. griwecolor Antiphon hydrophob is applied anywhere that requires lasting waterproof in addition to the other required properties. One must make certain sure that drainage holes are mounted on the floor area especially when constructing railway rolling stock and containers enabling the coating to dry from time to time.

Usage

Surfaces:	Steel plate rust protection primer coating, galvanized steel plate / sheet metal anodize aluminium, coil sheeting ect. The surface must be free from dirt, oil, grease. If necessary a bonding test should be made
Working equipment:	Airless machines with a ratio of 50:1, machines with atomized air, ratio 12:1 (plunger pump) and screw conveyor with atomized air approx. 3-4 bar input pressure. Hand tools, e.g. spatula are also possible
Coating thickness:	5 mm wet coating corresponds to 4 - 4.5 mm finished coating, possible in one operation
Cleaning the working equipment:	With water, if necessary in addition with household washing up liquid

Storage

Keep dry and cool, but frost free! Recommended working temperature above 15° C. It can be stored for a minimum of six months when kept sealed in the original container.

Delivery

40 kg One-way drum, 150 kg drum

Transport Hazard Notice

Not compulsory

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