

Rhenomors BS 11.2 Aqua, fire protection for wood and wood composite, opaque
Art. No.: A 9001

Specification:

Opaque fire protection emulsion forming an insulating layer, water-based, for wood and wood composite material, for a flame-retardant protection for wood and wood composite according to DIN EN 13501-1. Suitable for the use on dry interior areas without mechanical strain, e.g. roof trusses, wall and ceiling cladding, which should receive an opaque coat. For professional use.

Application areas:

Interior wood surfaces, e.g. roof trusses, doors, back-side of stairs, wall and ceiling cladding, ply wood, chipboard and insulating board. Suitable especially for historical buildings, assembly halls, schools, playschools, barracks, hospitals, official buildings, storage halls, etc.

Classification report:

A current classification report is available upon request.

Mode of action:

Rhenomors BS 11.2 Aqua coating develops a heat insulating foam layer on impact of fire or heat rays which protects the wood subsurface from the impact of fire and gives flame-retardant properties.

The coating is effective for many years if processed correctly.

Color: white

Processing: By brush, roller or spray gun

Supply form:

5 kg
25 kg

Preparation of the surface:

Clean surface and remove any dust, grease, wax and resin. Remove any loose old coating. The surface must be clean, firm and sustainable. If the old coating is firmly adhering please consult our technical department. Wood moisture cannot be above 15%. Tropical wood can be wiped with universal thinner, e.g. Rhenocoll Verdünner 140/1400. We recommend testing by coating a sample in order to eliminate a possible reaction with any wood components and/or old coatings.

Pre-treatment with wood protection:

If the wood should receive preventive protection against animal and / or plant derived wood destroyers, we recommend a pre-treatment with a biocidal impregnation product out of our Rhenocryl product range. Please consult our technical department in this case.

Application amount:

Solid wood \geq 10mm thickness: 350 g/m² \triangleq 270 ml/m²

Plywood and chipboard \geq 12mm thickness: 350 g/m² \triangleq 270 ml/m²

VOC directives 2010: Cat I / base wb / max value 140 g/l / actual value 17 g/l

Processing advice:

Stir well before use. Rhenomors BS 11.2 Aqua cannot be used at temperatures of below +10°C or a relative humidity of more than 70 %. Stir well for the thixotrope product to become thin. In order to achieve an even surface and coverage we recommend applying product in two steps. Consult our technical department if using Airless spraying techniques with Rhenomors BS 11.2 Aqua.

Final coating:

In order to protect the fire retardant coating from abrasion, dirt and short-term moisture and to achieve an even and decorative surface, Rhenomors TOP BS 11.3 has to be applied. This opaque coating forms a tested system together with Rhenomors BS 11.2. Other varnishes must not be used. Application amount: 80 g/ m² \triangleq 67 ml/m²

Colors: All color charts according to RAL, DB and NCS possible. Between fire protection coating and final top coat a drying time of at least 2 days has to be adhered to. During processing, room temperature must not be below +10°C and the relative humidity not above 70 %.

Drying time:

At normal climate (60% relative humidity and +20°C) dust dry after ca. 6 hours.

Cleaning of the tools: with water

Density: ca. 1,2 g / cm³ at +20°C

Storage / transport:

Can be stored for at least 24 months. Protect from frost, even during transport. Store in the original container with access to professionals only. Close once opened containers firmly.

RID/ADR: not applicable

Ordinance on Hazardous Substances:

The product is according to 91/155/EWG not subjected to labeling.

Ecology:

Rhenomors BS 11.2 Aqua must not reach waters, drains or grounds. Water hazard class 1 (self-classification according to VwVws, annex 4).

Waste key number. 08 01 12

Safety advice:

Keep under lock and out of reach of children. Avoid contact with skin and eyes. Keep away from food stuff, beverages and feed. In case of contact with eyes, rinse thoroughly with water and consult a doctor. Do not empty into drains. When feeling unwell seek medical advice and, if possible, submit this sheet. Even when processing low-emission paints the usual safety measures are to be observed.

Safety at work:

The prevailing regulations for safety at work and accident prevention have to be adhered to. License and technical data sheet have to be at the site of work. Before eating and after finishing work clean face and hands thoroughly. Protect face, hands and eyes during work (grease-free protective cream, oil-resistant plastic gloves, protective goggles). Cover light switch and electrical equipment. Rhenomors BS 11.2 must not be filled into any containers used for foodstuff. Keep Rhenomors BS 11.2 out of reach of children. Keep away from food stuff, beverages and feed. During and after processing Rhenomors BS 11.2 ensure that area is well ventilated.

Service:

Our service team for application technology is available to you at any time without obligation.

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The information given within is without obligation and is based on practical experience as well as on experiments which we have carried out and are not attribute guaranties in the sense of the newest BGH legal requirements. We recommend that in any case users carry out their own tests since we have no influence over the large diversity of materials and their processing. No liability for the manufacturer can be derived from the contents of this data sheet. Statements going beyond or deviating from the contents of this data sheet require the written confirmation of the company headquarters. Our General Terms & Conditions apply in any case.

With the release of this Technical Data Sheet all previous versions become obsolete.

Fire protection measures must only be done by trained professionals.