



RPF-DCW Wood impregnator

TECHNICAL DATA SHEET

1 PRODUCT DESCRIPTION

RPF-DCW Wood impregnator is an effective flame retardant impregnator that is suitable for making porous wood and reed products flame retardant.

2 MATERIAL DESCRIPTION

RPF-DCW Wood impregnator is a water-based solution of non-toxic organic and inorganic ingredients. After drying the active ingredients remain behind and provide the material with flame retardant properties.

3 APPLICATION

RPF-DCW Wood impregnator is ideal for making porous wood and reed products and similar materials such as straw mats, straw bales and decor pieces flame retardant. Dilution with water may be required for the treatment of paper and cardboard (2 parts of product and 1 part water). The materials to be treated must be moisture-absorbent.

With accurate dosings the RPF-DCW Wood impregnator has no or hardly any adverse effect on the properties of the treated material. It also has no impact on colour fastness and it leaves the grip intact. RPF-DCW Wood impregnator is also extremely user friendly. It is easy to apply, it leaves no stain when spilled and it causes minimum pollution on the work floor. RPF-DCW Wood impregnator is non-toxic and environmentally friendly, it does not cause skin or eye irritation and it has a neutral pH value. Personal protection is therefore not required.

Solid wood and other hard to penetrate materials can only be treated with vacuum pressure impregnation.

4 PROCESSING

The impregnator is ready to use and it can be processed immediately; shake lightly before use. The surface to be treated must be clean, dry and free of grease. A well-ventilated and heated area enhances the drying process considerably.

The impregnator can be applied by dipping or spraying. Spraying is also possible using a plant or insecticide spray bottle. It is important for the sprayer to have a pressure system that allows the liquid to come out evenly. Spray at a distance of 30-40 cm in a calm, regular pattern along the material to be treated to obtain an even result.

It is recommended to cover any underground surface that is not to be treated, e.g. with a plastic film. This applies in particular when spraying over a carpeted surface, porous (marble) tiles or natural wood. Spilled product can be easily removed with water.

The Impregnator is a water-based flame retardant. Follow-up treatment is required if the treated material is cleaned with water or when it comes into contact with water in a different manner.



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5 YIELD

RPF-DCW Wood impregnator must be applied in specific quantities in order to achieve the desired flame retardant properties, depending on the material and the fire requirements.

The treated material can be classified as flame retardant in accordance with European standard EN-ISO 11925-2. No rights can be derived from these indications.

6 DRYING TIME

Not applicable.

7 PHYSICAL PROPERTIES

Density:	1,150 ± 0.020 g/cm ³
pH:	7.0 ± 1.0
Active material:	250 ± 30 g/kg
Decomposition temperature:	> 150 °C

8 SAFETY INFORMATION

See the Material Safety Data Sheet.

9 PACKAGING

The RPF DCW Impregnating wood is supplied by 5 and 10 kg.

10 TRANSPORT AND STORAGE

Storage:	In original packaging, without exposure to frost
Storage life:	In closed packaging for at least 6 months after the production date.
Transportation:	Safe product, no specific requirements.

Protect from frost and heat, store between 5 °C and 30 °C.

The information contained in these pages were correct on the day of publication.

We maintain the right to make amendments without having to give prior notice.

Liability based on this data sheet is excluded.

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