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We look forward to providing you with more information about our latest innovations.

Everad® RPM 2628

One-component PUR adhesive for wood

Description

Everad® RPM 2628 is a one component polyurethane adhesive which polymerises by reaction with the humidity. This product does not contain any solvent, phthalate or halogen components.

Packaging:

800 g plastic bottle (carton of 12).

Base:

Polyurethane.

Usage

Everad® RPM 2628 is designed for the water- and the weather-resistant bonding of wood, plastics, rock, metal, ceramics, insulation materials and concrete.

Compatibility tests must be conducted with hard woods and tropical woods, especially for outdoor applications and bonding metal.

Many other uses are possible after preliminary tests.

Before using, ensure through testing that the product complies with the expected use.

Application

Preparation:

The parts to be glued have to be dry, clean and not dusty.

Substrates:

Polyurethane glues react with humidity in the air or in the substrates. One of the substrates has to be porous so that water can reach the bonding line.

Application quantity:

100-300 g/m².

The quantity depends of the substrates to assembly and the used glueing process.

Material moisture content:

8-18%.

Method of application:

Spatula or PUR Applico Vario.

Bond strength typically increases if the surfaces of non-porous substrates are sanded prior to bonding.

Open time:

At 20°C and 65% relative humidity.

Collano RPM 2628.5 : approx. 5 minutes.

Collano RPM 2628.15 : approx. 15 minutes.

Collano RPM 2628.30 : approx. 30 minutes.

Collano RPM 2628.60 : approx. 60 minutes.

The reactivity increases with the temperature and the humidity rate. It is possible to increase the reaction by water brumisation on the adhesive film.

Press time:

At 20°C and 65% relative humidity.

Collano RPM 2628.5 : approx. 5 minutes.

Collano RPM 2628.15 : approx. 15 minutes.

Collano RPM 2628.30 : approx. 30 minutes.

Collano RPM 2628.60 : approx. 60 minutes.

The press times depends on the reactivity of the product. It can be shortened in case of water brumisation or temperature increase.

Pressure:

0.2-0.8 N/mm².

Chemical and physical properties

Solid content:

ca. 100%.

Viscosity:

ca. 7 000 mPa.s (Brookfield 20°C)

Viscosity measured after production. Values may fluctuate up or down during the storage of the product.

Density:

ca. 1,09 g/cm³.

Flammability:

Non flammable.

Clean-up

Everad® RPM 2628 liquid with PUR Solvant/Löser 3739.

Everad® RPM 2628 reticulated with PUR Solvant/Löser 4.

Protection of the metallic parts soiled by Everad® RPM 2628 by soaking in Everad® HNE D-Col 12.

Safety

The wearing of protective gloves and safety goggles is recommended while handling the liquid product. Please follow the instructions on the Safety Data Sheet.

Storage

Cool and dry in unopened original packaging 6 months after production.

Guarantee

We guarantee the consistency and faultless quality of this product, manufactured in accordance with ISO quality standards, which has been developed on the basis of our long-standing experience with the recommended applications under the specified conditions. Material, processing, and application conditions may significantly influence product properties. Pre-application tests by the user are therefore essential. For non-specified applications or deviations in application conditions, we recommend that our technical support service be consulted first. Our general sales and delivery terms and conditions shall apply.