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

Everad[®] RPM 2539.4

Technical PUR adhesive for insulating pannels

Description

Everad[®] RPM 2539.4 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:

Container 1 000 kg.

Base:

Polyurethane.

Usage

Everad[®] RPM 2539.4 is designed to bond various insulating materials (polyurethane foam, expanded or extruded) or honeycombs on substrates such as wood, **enamelled glass**, steel plates or aluminium... which are used in the manufacturing of sandwich panels.

Many other uses are possible after preliminary tests.

Before any industrial use, to ensure itself by tests which the product corresponds well to the desired 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.

Open time:

Approx. 15 minutes at 20°C and 65% relative humidity.

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:

Approx. 1 hour at 20°C and 65% relative humidity.

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

Chemical and physical properties

Solid content:

ca. 100%

Viscosity:

ca. 4 500 mPa.s (Brookfield)

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

Density:

ca. 1,12.

Flammability:

Non flammable.

Clean-up

Everad[®] RPM 2539.4 liquid with Everad[®] SNE 3739.

Everad[®] RPM 2539.4 reticulated with Everad[®] RPS Solvant 4.

Protection of the metallic parts soiled by Everad[®] RPM 2539.4 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.