

Everad[®] RPM 2644 UV

Technical PU adhesive for soft substrates

Product data

Base:

Polyurethane.

Density:

Approx. 1.16 g/cm³.

Solids content:

100%.

Viscosity:

10'000-15'000 mPa·s (Brookfield 5/20) at 20 °C.

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

Fluidity:

Free flowing.

Flammability:

Hardly inflammable.

Resistant:

Resistant against mild caustics, acids and solvents.

Storage:

Cool and dry in unopened original packaging 6 months. Don't stock.

The adhesive below 10 °C.

Packaging:

50 kg drum.

Application data

Preparation:

Bonding surfaces must be clean, dry, free of oil and dust

Application temperature:

+10 °C to +30 °C

Application quantity:

150-300 g/m² on one of the two surfaces

Open time:

The material to be glued should be put in the press no later than

20-30 minutes after the application of the glue under normal conditions (20 °C and 65% rel. humidity).

The open time depends to a great extent on the external conditions and the material humidity. It decreases when the temperature or the humidity increase.

Attention: the adhesive must not react before the material is pressed.

Pressure:

0.2-0.8 N/mm²

Press time:

Depending on ambient temperature and humidity, approx. 2 hrs at 20 °C and 65% rel. humidity.

Curing:

Depending on material and air humidity

Usage

For the water- and weather-resistant bonding of wood

Application

Compatibility tests must be conducted with hardwoods and tropical woods, especially for outdoor applications and bonding metal. Bond strength typically increases if the surfaces of non-porous substrates are sanded prior to bonding.

Collano RP 2544 UV is a one component adhesive and reacts with humidity. It is directly applied and no prior treatment is necessary. All machine parts coming into contact with the adhesive should be coated with Collano PUR Trenn.

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

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.

Clean-up

Everad[®] RPM 2644 UV liquid with Everad[®] SNE 3739.

Everad[®] RPM 2644 UV reticulated with Everad[®] RPS Solvant 4. Protection of the metallic parts soiled by Everad[®] RPM 2644 UV by soaking in Everad[®] HNE D-Col 12.

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.