

Collano RP 2960

1C PUR adhesive for wood and prefabricated elements construction, long open time

Characteristics

Base
Polyurethane

Colour
Beige

Density
1.3 g/cm³

Solids content
100%

Fluidity
Slow flow

Viscosity (Brookfield)
90'000 mPa·s

Form
Liquid

Storage
15 months in unopened original packaging at 15–25 °C



Application area and materials

For manual processing in the manufacture of wall, floor and ceiling elements. In load-bearing areas for spruce, fir and pine. For other types of wood, clarification of the area of application of the components and test bonding are essential. For wood-based materials or other diffusion-open materials. Important: For curing, moisture must be able to reach the adhesive joint from at least one side of the joint.

Performance and materials properties

Meets the requirements of EN 15425. Further information available on request.

Tensile shear strength

EN 302-1, adhesive joint thickness 0.1 mm, 0.5 mm, 1.0 mm, storage sequences A1 to A7 and -40 °C storage

Resistance to delamination

EN 302-2, adhesive type I, high temperature

Eco label

ecoBase, does not violate any Minergie-ECO exclusion criteria
EC1^{PLUS}, premium class – very low emission

Packaging

Tubular bags aluminium 600 ml

Application data

The curing behaviour of 1K PUR adhesives depends on the moisture and temperature of the parts to be joined and on the ambient climate. The information is based on test results obtained with precisely fitting bonds (wood moisture content 12%) under standard climate conditions (20 °C and 65% relative humidity). Other conditions may lead to deviations from the information provided.

Adhesive application quantity

100–300 g/m²

Pressure

0.1–1.0 N/mm²

Material moisture content

8–15%

Application temperature

5–30 °C

Maximum open assembly time

< 60 minutes

Minimum press time

> 150 minutes

Conditioning time

5 hours

Final strength

7 days

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 Collano's technical support service be consulted first. Collano's general sales and delivery terms and conditions shall apply.

Application

Press and dispense using an aluminium tubular bag gun. Use the PUR Applico Optimo application nozzle for precise and even adhesive application. Condition the parts to be joined before bonding in accordance with the climatic conditions in the area of application. Clean and grease-free surfaces are crucial for optimum joint quality. Prepare the bonding process well and use a product with suitable application properties.

Clean-up

Wipe off liquid adhesive on dirty parts with Collano HP 3000, Collano HP 3100 or ethanol. Remove hardened adhesive with Collano HP 3000.

Preventing and blocking adhesion

Collano HP 2000 can be used to prevent adhesion on equipment, tools and machines. For further information on cleaning and adhesion, see the flyer 'Pre-treatment and cleaning of PUR adhesives'.

Safety

The wearing of protective gloves and safety goggles is recommended while handling the liquid product. Follow the instructions on the safety data sheet.

The current data sheets are available at:

collano.com/en/downloads