

Collano BM 107

PUR mounting adhesive, very short press time

Characteristics

Base

Polyurethane

Colour

White

Density

1.43 g/cm³

Solids content

100%

Fluidity

Non-sag

Form

Liquid

Storage

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

Application area and materials

For wooden materials, stone, ceramic, insulation material and concrete. Especially suitable for all assembly work as well as non-inflammable building tiles. Suitable for interior and exterior areas.

Performance | Material properties

Information derives from tests carried out by Collano. Further information on request.

Bond strength

EN 12765, stress group C4

Fire resistance category

F 120, provided the appropriate materials and constructions are used

Resistance

Resistant against weak caustics, acids and solvents

Eco label

ecoBasis, does not violate any Minergie-ECO exclusion criteria

Packaging

Tubular bags aluminium 310 ml

Application data

The curing behaviour of 1C PUR adhesives depends on the moisture content and temperature of the adherends and the ambient climate. The figures are based on results of tests on precision bonds (wood moisture content 12%) made under standard conditions (20 °C and 65% relative humidity). Different conditions may lead to deviations from the said specifications.

Adhesive application quantity

100–300 g/m²

Pressure

< 0.8 N/mm², manual pressure, automated or mechanical bonding pressure

Material moisture content

8–18%

Application temperature

5–35 °C

Maximum open assembly time

< 5 minutes

Minimum press time

> 15 minutes

Conditioning time

2 hours

Application

Use a cartridge gun and the supplied nozzle applicator. Spread over the bonding area using a spatula. For precisely fitting areas, in order to cure it is important for moisture to reach the glue line from at least one adherend. For optimum joint quality, it is essential that the surfaces be clean and free of grease.

Additional details

Yield 310 ml cartridge:

Bead diameter	Running meters
4 mm	20 m
6 mm	10 m

Preliminary trials are essential for materials that are not listed under the list of materials, especially for outside use.

Clean-up

In liquid form, with Collano HP 3100. For cured adhesive, remove mechanically or use Collano HP 3000.

Preventing and blocking adhesion

Collano HP 2000 can prevent adhesion to equipment, tools and machinery. Immersion in Collano HP 4000 prevents curing in applicator guns, casting tubes and applicator heads. For further information on cleaning and adhesion, please refer to the flyers on "Pretreatment 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.

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.

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