

Collano BM 810

Versatile MS-polymer adhesive and joint filler, UV resistant

Characteristics

Base

Silan-terminated polymer

Colour

White

Density

1.58 g/cm³

Solids content

100%

Fluidity

Non-sag

Form

Liquid

Storage

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

Application area and materials

For hollow flat rails, base profiles made of wood and aluminium, panels, windowsills and insulating material in buildings. Connecting joints in buildings, for example for kitchen and bathrooms. Excellent adhesion on porcelain, epoxy resin, polyester, stainless steel, eloxadized aluminium and varnished surfaces. Suitable for interior and exterior areas. Not suitable for natural stones.

Performance and material properties

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

Tensile strength

2.2 N/mm², DIN 53504

Elongation at break

250%, DIN 53504

Modulus of elasticity

1.7 N/mm², DIN 53504

Hardness

Shore A 60, EN 53505

Temperature resistance

-40 °C to +90 °C

Eco label

EC1^{PLUS}, premium class – very low emission
eco 1, very suitable for Minergie-ECO

Packaging

Cartridges 290 ml

Application data

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

Application temperature

5–35 °C

Shining time

< 10 minutes

Through-hardening time

1–2 mm per 24 hours

Application

Use a cartridge gun. Cut nozzle to suit joint width. Smooth over with a spatula which, when necessary, can be moistened in a soapsuds solution. For optimum joint quality, it is essential that the surfaces be clean and free of grease.

Additional details

Yield 290 ml cartridge:

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

Can be overcoated with commercially available water-based emulsion paints. Tests are required when using solvent-based paints.

Clean-up

Uncured adhesive can be removed with Collano HP 3000, Collano HP 3100 or ethanol, cured adhesive, remove mechanically. For further information on cleaning, 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.

The current data sheets are available at:

collano.com/en/downloads

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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