

Collano A 1970

Elastic MS polymer adhesive and joint sealant, UV-resistant

Characteristics

Base

Silan-terminated polymer

Colour

White, grey, black

Density

1.50 g/cm³

Solids content

100%

Fluidity

Non-sag

Form

Liquid

Storage

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

Application area and materials

For metals, synthetics, wood and building constructions. Universal adhesive and joint filler suitable for metals, synthetics, wood and building constructions. For metal constructions and sheet-metal work, car bodies, vehicle and ship building, air-conditioning and ventilation systems, general metal work application, corner jointing of aluminium window frames, glazing with wood, metal and synthetic frames, fascia elements, plumbing connections, mirror gluing, industrial assembly. Pre-testing of “hard to glue” materials is essential. Not suitable for use with bituminous surfaces, polyolefins and Teflon.

Performance | Material properties

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

Tensile shear strength

2.89 N/mm² on aluminium, EN 1465

Tensile strength

4.1 N/mm², DIN 53504

Elongation at break

450%, DIN 53504

Modulus of elasticity

1.2 N/mm², DIN 53504

Hardness

Shore A 60, EN ISO 868

Shrinkage

4%

Temperature resistance

-40 °C to +120 °C, short-term temperature stability < 180 °C

Water resistance

Good

Eco label

ecoBasis, does not violate any Minergie-ECO exclusion criteria

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

Skinning time

< 8 minutes

Through-hardening time

2–3 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 m

Coatability With acrylic emulsion paints and baking varnish (subject to suitability tests).

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.

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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