

# Collano LB 370

Dispersion adhesive for thin edges, sheeting, varnished and coated parts

## Characteristics

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**Base**

Polymer dispersion

**Colour**

White

**Density**

1.05 g/cm<sup>3</sup>

**Solids content**

52%

**Fluidity**

Shear thinning

**Viscosity** (Brookfield)

10'000 mPa·s

**pH value**

8.5

**Chalking point**

5 °C

**Form**

Liquid

**Flammability**

Not flammable

**Storage**

9 months in unopened original packaging  
at 15–25 °C (frost susceptible)

## Application area and materials

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For ABS, PVC thin edges and plastic sheeting on wooden materials, and applying ornamental strips and second layers on painted or coated parts. With crosslinking agent very good adhesion on all paints (water-based, DD, PUR, SH, UV), coated materials and various synthetics. Good moisture resistance. For specifications of crosslinking agent see data sheet Collano Hardener HR 910. Preliminary trial attempts are strongly recommended due to the large variety of edges, sheeting and lacquer paints.

## Performance | Material properties

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**Eco label**

eco-1, very suitable for Minergie-Eco, Minergie-A and Minergie-P

## Packaging

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Plastic bottles 500 g

Plastic pails 5 kg

## Application data

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The curing behaviour of PVAc dispersions depends on the absorbency and strength of the adherends, as well as the ambient temperature and press temperature. The specified figures are guideline values and are based on results of tests on precision bonds made under standard climatic conditions (20 °C and 65% relative humidity). Deviations are possible depending on the type of use.

### Adhesive application quantity

100–150 g/m<sup>2</sup>

### Pressure

0.2–0.5 N/mm<sup>2</sup>

### Material moisture content

6–12%

### Application temperature

> 10 °C

### Maximum open assembly time

< 7 minutes

### Pot life

12 hours with Collano Hardener HR 910

### Minimum press time

20 °C: > 30 minutes

50 °C: > 5 minutes

### Conditioning time

2 hours

### Final strength

7 days

## Application

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It is essential that the surfaces are clean and grease-free in order to provide the best adhesion and quality of join. Roughen and clean painted or coated surfaces where possible. Apply adhesive to one side and press the parts together. The press time depends on temperature and absorbency of the materials, and on the material tensioning. One of the two adherends must be absorbent so that the adhesive can cure. For furniture body joints the join (e.g. dowel, Lamello, tongue and groove, etc.) must be made in combination with joint or construction adhesive.

### Additional details

Not tested for gluing of thick edges. Not suitable for constructions and joints that are subjected to high loads or continuous loads. Water-resistance of the seal is increased by adding 5% (by weight) of Collano Hardener HR 910. Mix well with hardener. Mixture can be processed for 12 hours.

### Clean-up

With water before adhesive has dried.

## Safety

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Do not store adhesive which is mixed with Collano Hardener HR 910 in permanently closed containers. There is a danger of bursting due to the build-up of CO<sub>2</sub>. 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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