

Collano DW 2044

1C dispersion adhesive, water-resistant D4 and heat-resistant Watt 91

Characteristics

Base

PVAc-Dispersion

Colour

White

Density

1.0 g/cm³

Solids content

45%

Fluidity

Flowing

Viscosity (Brookfield)

6'000 mPa·s

pH value

4

Chalking point

8 °C

Form

Liquid

Flammability

Not flammable

Storage

9 months in unopened original packaging
at 15–23 °C

Application area and materials

For window and door bonding, lamellae and finger-joints for non-structural applications, divider and element manufacture, general bonding of woods and composites in kitchen, laboratory, and interior construction. Suitable for exterior applications if the joints are protected against direct weather exposure. Suitable for high frequency bonding.

Performance | Material properties

Information derives from tests carried out by Collano and testing institute ift Rosenheim. Further information on request.

Bond strength

EN 204, stress group D4

Temperature resistance

EN 14257 (Watt 91) > 7 N/mm² at 80 °C

Eco label

eco-1, very suitable for Minergie-ECO

Guidelines

FFF-FKS-EMPA 08.03/2013

Packaging

Plastic pails 25 kg
IBC containers 1'100 kg

Application data

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

150–200 g/m²

Pressure

0.1–0.8 N/mm²

Material moisture content

8–12%

Application temperature

> 12 °C

Maximum open assembly time

< 9 minutes

Minimum press time

20 °C: > 15 minutes

70 °C: > 1 minute

Conditioning time

2 hours

Final strength

7 days

Application

It is essential that the surfaces are clean and grease-free in order to provide the best adhesion and quality of join. Apply adhesive to one surface, in case of high requirements to water resistance to both surfaces. Stir before use.

Additional details

In contact with iron, adhesive may cause wood discoloration. Due to the risk of corrosion, all parts which come in contact with this glue during processing must be made of stainless steel (quality V4A) or synthetic material.

Clean-up

With water before adhesive has dried.

Safety

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.

Collano AG

CH-6203 Sempach Station · T +41 41 469 92 75
verkauf@collano.com · www.collano.com