



COSMO® DS-440.120

*** COSMOCOLL 263

special dispersion

Examples for Application

- Surface bonding of painted sheet metals on absorbent wood mounting plates
- Edge coating and gluing of handles made of PVC hard, PS hard and ABS in the furniture industry
- For the construction of roller shutters and window blocks for surface bonding of PS-foam (polystyrene) and other insulating materials on absorbent substrates, e.g. wood, gypsum boards, Eternit panels, concrete and others

Special Properties

- elastic adhesive joint
- Good bonding strength at heat
- Good water resistance

Technical Data

Basis	Vinyl acetate copolymer
Colour hard-dry	beige
Viscosity as per Brookfield (06/100 min ⁻¹) at +20 °C	approx. 6 000 mPa.s
Density as per EN 542 at +20 °C	approx. 1.17 g/cm ³
pH value as per EN 1245	approx. pH 6.0
Open time at +20 °C, 50 % r. H. application quantity 150 µm beech	approx. 12 min
Applied quantity depending on carrier material	approx. 120 - 150 g/m ²
Processing temperatures adhesive and substrates	from +5 °C to +30 °C

Instructions for use

Acclimatise the product before the application.

Agitate the adhesive to get a homogeneous substance before processing.

Clean the plastics surfaces with COSMO® CL-300.120 before applying the adhesive to remove separating agents.

One of the material substrates must be absorbent.

Usually, the adhesive is applied on one side using a toothed spatula, an adhesive roller or an adhesive application machine.

Bonding of edges /grip plates:

Usually, the adhesive is applied on one side of the carrying material using a brush, a toothed spatula, a an adhesive bottle or an adhesive roller.

The workpieces must be fit together and pressed within the open time.

After they have been fit together, the parts must be fixed and pressed until functional strength has been reached.

Contact with metals, e.g. iron, can cause discolouration!

The here specified time parameters can only be determined accurately by self-tests because they are strongly influenced by material characteristics, temperature, applied quantity, air humidity, material humidity, thickness of adhesive film, press power, and other criterions. Usually, appropriate safety factors are considered for the guiding values.

Important instructions

Only instructed personnel in specialist firms are allowed to use the product!

Our user instructions, processing guidelines, product- and performance data, and other technical statements are only general directives; they describe only the condition of our products (values, determination of values on the date of completion) and the performances do not represent a warranty in the sense of § 443 BGB. **Because of the wide variety of applications of the individual product and the relevant special conditions (e. g. processing parameters, material characteristics, etc.), it is up to the user to test it itself;** our free expert advice for application provided in speech, writing, and as test is nonbinding.





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Please, also consider the Safety Data Sheet!

Cleaning

Remove any surplus glue immediately after applying using a damp cloth.

Tools with fresh, not-cured adhesive can be cleaned with water.

Tools polluted with cured adhesive can be cleaned with COSMO® CL-300.120.

Storage

During the storage time, viscosity is increasing.

Store the hermetically closed original trading units in a dry place at temperatures of +15 °C to +25 °C no direct sun radiation.

While transported within the usual transport times, the product may be exposed to temperatures from -30 °C to +35 °C.

Storage life in unopened original packaging: 12 Months

Packaging

31,5 l PP-hobbock, net weight: 33 kg

Other trading units on request.



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