



COSMO® DS-400.150

*** COSMOCOLL Multi HV

Universal adhesive/ surface adhesive

Examples for Application

- Gluing of joints in assembly parts, between boards as well as of surfaces covering
- Gluing of veneer
- Gluing of softwood, hardwood and exotic wood for cold, hot, as well as radio frequency gluing

Special Properties

- semi-hard adhesive joint
- Durability class D2 without the addition of hardener with wood bonding as per EN 204.
- The hardened adhesive joints can be sanded

Technical Data

Basis	PVAc dispersion
Colour hard-dry	opaque
Viscosity as per Brookfield (06/20 min ⁻¹) at +20 °C	approx. 13 000 mPa.s
Density as per EN 542 at +20 °C	approx. 1.25 g/cm ³
pH value as per EN 1245	approx. pH 5.0
Open time at +20 °C, 50 % r. H. application quantity 150 µm beech	approx. 12 min
Applied quantity depending on carrier material	approx. 150 g/m ²
Pressing power	0.2 - 0.4 N/mm ²
Pressing time bonding of joints at +20 °C	15 min
Pressing time frame-/body gluing at +20 °C	12 min
Pressing time HPL/chipboard at +20 °C	18 min
Pressing time HPL/chipboard at +60 °C	8 min
Pressing time high-frequency gluing	0.5 - 4.0 min
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.

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

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!

Several types of wood can cause discolouration due to specific substances included in the wood.

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!





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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.

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

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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