

COSMO HM-900.110

*** COSMOCOLL 935

Edge hot-melt adhesive

Examples for Application

- Processing in automatic edge gluing machines for plane forming and soft forming processes.
- Pre-coating of different material surfaces.

Special Properties

- Tough-elastic adhesive joint
- Good re-melting behaviour
- Good oxidation and colour stability in the melt
- Good adhesion properties to veneer, massive wood, laminated material, resin-coated paper, PVC (primed) and polyester edges
- Good bonding strength at heat
- Good cold stabilities

Technical Data

Basis	Ethylene vinyl acetate
Colour	
Hard-dry	Natural
Viscosity	
Brookfield Thermosel with +200 °C	approx. 115 000 mPa.s
Density	
as per EN 542 at +20 °C	approx. 1.50 g/cm ³
Softening range	
Kofler heating bench	approx. +90 °C
Processing temperature	+190 °C to +210 °C
Feedrate for application with roller	18 to 60 m/min

Instructions for use

The surfaces of the workpieces to be bonded must be dry, and free from dust and grease.

Optimum wood moisture is 8 to 10%.

Air and material temperatures should be ≥ +18 °C, avoid draught.

The adhesive is processed in automatic edge bonding machines.

For bonding of diverse plastic edges, the adhesion of the edge can be improved by the application of primer on the edge using COSMO SP-600.110.

To avoid strong odours during processing, exhaust the occurring vapours.

If the processing temperature is exceeded for a longer period of time, hazardous decomposition products can be formed.



Weiss Chemie + Technik
GmbH & Co. KG
Hansastraße 2
D-35708 Haiger

Tel.: +49 (0) 2773 / 815 - 0
Fax: +49 (0) 2773 / 815 - 200
Email: ks@weiss-chemie.de
Web: www.weiss-chemie.de

COSMO HM-900.110

*** COSMOCOLL 935

Edge hot-melt adhesive

The strength of the bonded joints with melting adhesive, the open time, as well as the necessary feed rates and the pressing times, can only be determined accurately by self-tests because they are strongly influenced by material characteristics, edge material, processing temperature, material temperature, feed rate, applied quantity, and other criterions.

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.

Please, also consider the Safety Data Sheet!

Cleaning

When the adhesive is still hot, it can be removed using a spatula.

The plate material is cleaned with COSMO CL-300.150 or COSMO CL-300.120.

Storage

Store in the hermetically closed original packages, dry at temperatures of +15 °C to +25 °C, no direct sun radiation.

Storage life in unopened original packagings: 12 Months.

Packaging

Granulate in disposable paper bag, net weight 25 kg.



Weiss Chemie + Technik
GmbH & Co. KG
Hansastraße 2
D-35708 Haiger

Tel.: +49 (0) 2773 / 815 - 0
Fax: +49 (0) 2773 / 815 - 200
Email: ks@weiss-chemie.de
Web: www.weiss-chemie.de

made by weiss