COSMO D3
Parquet- and Laminate glue

APPLICATION
COSMO D3 is especially used for the bonding / laying of laminate and parquet (groove and spring joining). COSMO D3 is used for assembly-, surface-, board gap- and block bondings, when higher demands on the water resistance have to be fulfilled. – Only suitable for professional use by instructed personnel. COSMO D3 is suitable for the gluing of soft-, hard- and exotic wood and used for cold- and warm-setting as well as high-frequency bonding, only suitable for professional use by instructed personnel. COSMO D3 is especially used in the window- and door manufacturing for the gluing of corner angles. – Only for specialized companies. COSMO D3 obtains, during the wood/wood bonding, without any addition of hardener, the strain group D3 according to EN 204, as well as a heat adhesive strength of approx. 7,5N/mm² according to WATT 91.

TECHNICAL DATA

BASIS
dispersion glue on PVAc (polyvinylacetat)

FILM PROPERTY
of hardened up film tough elastic

VISCOSITY
Brookfield Sp06/20, +20°C approx. 11.000 mPa.s

DENSITY
according to EN 542 at +20°C approx. 1,1 g/cm³

PH- VALUE
pH-value according to EN 1245 approx. pH 3

OPEN TIME
at +20°C, 50% rel. air humidity, application quantity 150µm-glass approx. 8 min

HEAT ADHESIVE STRENGTH
according to WATT 91 at +80 °C approx. 7,5 N/mm²

MINIMUM TEMPERATURE FOR APPLICATION
from +5 °C

WORKING INSTRUCTIONS
COSMO D3 can be processed directly after the delivery cask has been stirred up. COSMO D3 is applied, at bonding parquets and laminates, directly from the glue bottle into the groove, in order to ensure a strong, tight bonding. The elements are joined immediately after the glue application, within the open time of the adhesive; then, press together the parts to be bonded until the wished functional hardness has been reached. Adhesive, which has flown out, has to be wiped at once with a humid cloth; hardened up adhesive can be removed e.g. with spirit. COSMO D3 obtains, as one-component window glue, without any addition of hardener, the strain group D3 according to EN 204 and fulfills the requirements of the ift-directive, part 2 (institute for window technique e. V. Rosenheim).
WORKING INSTRUCTIONS

* Please consider our advices in the technical information “Wood/wood bonding in the outside area”, as well as the ift-directive “Bondings on wood windows”!
* Contact with metals, e.g. iron, may result in discolorations!
* Because of the contained wood materials, discolorations may exceptionally happen on different wood varieties!

APPLICATION QUANTITY  depending on supporting material  approx.  150 g/m²

PRESSURE  0,2-0,4 N/mm²

OPEN TIME, as well as the individual PRESS TIMES, can only be exactly found out through own tests, as they are strongly affected by material, temperature, prepared quantity, application quantity, humidity, and other criteria. The user should provide adequate security additions to the given approximate values.

CLEANING

Not hardened up COSMO D3 can be removed from the tools with water.
Hardened up COSMO D3 is removed with COSMOPLAST 751, spirit or COSMOFEN 10

STORAGE

Store COSMO D3 in tightly closed original casks, in a dry place, at a temperature between +15°C and +25°C, without direct solar irradiation. Can be stored in unopened original casks for approx. 12 months.
Agitate before use!

CASK SIZE

500g  PE-glue bottle, 5 pcs / box
1,000g  PE-glue bottle, 10 pcs / box
Other cask sizes are available on request.

CLASSIFICATION

Further information can be taken from the safety data sheet.

Our instructions for use, processing directives, product- or performance indications, as well as other technical statements are only general guidelines; they only describe the nature of our products (determined value at the production time) and their performance, but they give no guarantee in accordance with paragraph 443 of the BGB (Civil Code). Due to the variety of application purposes for each product, and due to a lot of different particular conditions (e. g. processing parameters, material properties, etc.), the user has to carry out his own individual qualifying tests.
Our consultation in application technique, verbal and in writing, as well as with tests, is offered free of charge and is not legally binding.
These documents replace former issues.