

TECHNICAL DATASHEET PU-ADHESIVE DoPurCol

Product description

Dosteba PU-adhesive DoPurCol is a solvent-free 1-component structural adhesive with a particularly fast reaction time. PU-adhesive DoPurCol with slight foaming into a toughened, age-resistant, waterproof, temperature-resistant and equalising bond.

PU-adhesive DoPurCol bridges cracks and after hardening is grindable, varnishable and can be painted over.

Scope of application

Waterproof and water-resistant structural adhesives of wood materials of all kinds, combination adhesives with metals, plastics, concrete, rock, brick, marble and natural stones, decorative plates, wall covers, sandwich plates, insulations as well as styrofoam / styrodur,

Characteristics

- free of solvents
- fast reaction time
- viscoplastic
- age-resistant
- waterproof
- temperature-resistant
- equalising bond
- paintable

Technical data

Basis:	1-K moisture-cured polyurethane, free of solvents
Density:	approx. 1,52 g/ml
Consistency:	pasty, firm
Open time:	approx. 5 minutes (20 °C / 50 % RH)
Open time - by water mist:	approx. 2 minutes (20 °C / 50 % RH)
Functional strength:	after approx. 15 minutes
Curing (20 °C / 50 % RH):	2,5 mm adhesive layer / 1 day
Application temperature:	min. > 5 °C max. 40 °C
Temperature resistance:	-40 °C to +80 °C, in cured state
UV-stability:	preexisting, yellowing
Long shelf life:	12 months, between +15 °C and +25 °C in unopened original containers. Protect from heat and sun rays.
Packaging:	Cartridge
Volume:	310 ml
Colour:	beige

Processing instructions

Dosteba PU-adhesive DoPurCol is hydrolysis and waterproof in a hardened state in terms of moisture and the elements, diluted acids and lyes (concentration to 10 %).

Application limitation

The substrates to be bonded must be free of dust, grease and oil and must also be solid and capable of bearing the load. If necessary, grind prior to bonding.