



STRUCTAN EXPRESS



One component transparent and thixotropic PU- adhesive with gap-filling properties. **WATERPROOF - according to EN 204 - D4**

310 ml

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Wood and construction adhesive

WATERPROOF

PRODUCT INFO

APPLICATIONS

Suitable for the water-resisting bonding of moist and dry woods alike, can also be used for the bonding of rubber, concrete, polystyrene foam, PU-foam, rockwool, glasswool, metals and other construction materials on porous substrates.

PROPERTIES

Thixotropic polyurethane adhesive • gap filling properties through expansion (in case of less well fitting connections), in that case the bonding properties are reduced • cured adhesive is resistant to water (D4 - EN 204) • temperature resistant from -30°C to + 100°C • easy to apply, gel viscosity, spreads easily • expands as it dries • can be stained or painted • does not creep • dries to a very tough elasticity • exterior or interior use • scrapes and sands easily • works extremely well with dowels & biscuits (dampen biscuits) • excellent for end-grain to end-grain bondings

METHOD OF USE

Free the application substrates of dust and impurities; if necessary, degrease with for instance acetone. Non porous substrates must be slightly abraded. On porous substrates apply the adhesive on both side. Join the glue surfaces within 5 minutes after spreading and ensure that the bonding is not allowed to slide. Pressure or clamping increases the bonding strenght. Pressure or clamping is necessary to obtain bondings according to D4 - EN 204

TECHNICAL DATA

- Based on moisture curing polyurethane prepolymers
- Solid contents ± 100 %
- Working time : 5 - 10 minutes.
- Working temperature : between +40 and + 80 degrees Fahrenheit : + 5 and + 30 degrees Celcius
- Clamp time : 30 - 40 minutes
- Spread rate : 250 to 400 gr/ m2
- Stability : Does not 'creep'
- Resistance : Waterproof (according to D4 - EN 204 standards)
- Atmospheric conditions : humidity of the air between 30 and 90%.
- Workpiece moisture: between 8 - 20 %, If below 8% dampen the surfaces to be glued.
- Temperature of both substrates and environment between +5°C and 30°C don't exceed on layer thickness to prevent slow curing.
- At a temperature of 15-20°C the bond will be sufficient strong in about 1 hour to permit handling. The full strenght of the adhesive is developed overnight. At 10°C it takes about 4 hrs to obtain the same bonding results. Complete curing requires 3 to 4 days under these conditions.
- Store best at low temperatures

SAFETY REGULATIONS

Contains Diphenyl -4-4- diisocyanate + isomers.
Safety data sheet : available on request

TRANSPORT AND STORAGE

Transport : no restrictions
Storage life : 1 year in closed and undamaged containers, under normal circumstances.

The information on this sheet has been composed in accordance with the most recent state of laboratory information. Technical properties may be adapted or modified. The user should make sure that he is using the most recent technical information sheet. This information is not exhaustive. Since the application, the nature of the surface and of the processing circumstances cannot be judged by us, no liability can be accepted on the basis of this technical information sheet.

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