

Technical Data - Renia - Syntic Total

Polyurethane-based adhesive for bonding common materials like leather, rubber, PUR, TR, Latex, Perbunan, PVC, fabric, cork, natural rubber. Can be used as primer for PUR and PVC soles. Not suitable for EVA, PE, and PP.

Technical data

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|-----------------------|-------|--------------------------------|---------|--------------------|--------|
| Color: | clear | Viscosity [mPa·s]: | 2000 | Density [g/l]: | 900 |
| pH-Value: | n.a. | Solid Content [%] | 19 | Drying time [min]: | 5 |
| Pressure [bar]: | 1 - 5 | Reactivation temperature [°C]: | 70 - 80 | Open time [min]: | 30 |
| Temp.resistance [°C]: | 60 | peel strength* [N/mm]: | 10 | React.time [s]: | 5 - 60 |

*determined with test rubber on test rubber, with a drying time of 15 minutes, after the adhesive has fully cured. Value varies with different material combinations, own tests are necessary.

Application

Can be used cold or with heat activation. Sand or roughen all materials. Clean new PVC with Acetone. Halogenate new PUR, TR and latex with Rehagol and let it work for at least 15 minutes. Apply the adhesive evenly and not too thinly to both parts of a material combination and let dry. After the drying time has expired, join the coated parts together and press or knock on. If the open time is exceeded, reactivation by rapid heating to 70°C to 80°C is possible. The adhesive can also be used as a primer/adhesion promoter for direct injection moulding of PVC or PUR soles. The fast crystallization allows handling the bonded parts after a few minutes. The heat resistance is sufficient to start sanding or milling right away. The bonding strength increases continuously and reaches its maximum after 2 - 3 days. When used with hardener, the pot life is 8 hours after adding 5 - 10% hardener C.

Thinning/Cleaning

The adhesive can be thinned with Renia R&L solvent or Renia Thinner. These products can also be used to clean adhesive containers and application devices.

Heat/Environment resistance

Very high resistance against heat and chemicals if used with crosslinker.

Storage and Transportation

Minimum shelf life of 12 months at 20°C.

Hazard designation

according to CLP, see MSDS

Packages

| Article-Nr. | Package | Net-Contents | Units per Box |
|-------------|-------------|--------------|---------------|
| 320461 | 1 l - Can | 0.85 kg | 24 |
| 320404 | 4 kg - Can | 4 kg | 6 |
| 320410 | 10 kg - Can | 10 kg | 2 |

Please note: This product data sheet only provides general information. The properties and characteristics listed above are approximations and do not constitute product specifications. Due to the many conditions of application and processing that are outside of our influence and responsibility, as well as the multitude of different materials, we recommend to always conduct specific tests on the materials and under the conditions in question. Therefore, no liability can be accepted for results derived from specifications and information outlined in this data sheet. In line with our conditions of sale, we only guarantee the consistent technical properties of our high-quality products. This technical data sheet invalides and replaces all prior versions.