

## Technical Data: Renia - Aquilim 330

Contact adhesive based on an aqueous solventfree polychloroprene dispersion for bonding materials like leather, rubber, corc, polyurethane (foam), EVA, fabrics, felt, wood, PE/PP (foam), etc. Not suitable for PVC.

### Technical Data

Color:	white	Viscosity [mPa·s]:	1750	Density [g/l]:	1070
pH-Value:	8 - 9	Solid Content [%]	54	Drying time [min]:	20 - 40
Pressure [bar]:	1 - 5	Reactivation temperature [°C]:	60 - 70	Open time [h]:	8
Temp.resistance [°C]:	60	peel strength* [N/mm]:	7	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

Sand or roughen compact materials. Upper leather, Alcantara, Textile, and expanded/foamed materials can be bonded without preparation (tests necessary, remove grease or separating agents if necessary). The adhesive can be applied by brush, roller or spray system to both parts of a material combination. As soon as the adhesive film has dried (the film becomes transparent), the parts can be fixed and pressed. By applying suitable heat (e.g., placing the coated parts in an oven at 55°C) the drying time of the adhesive film can be reduced to a few minutes. On passing the open time for cold bonding the adhesive films can be reactivated by fast warming up to 60 - 70°C. Aquilim is very tacky and crystallizes quickly. The bonded parts can be handled after a few minutes. The bonding strength increases continuously and reaches its maximum after 3 - 5 days. With the addition of 3 - 5% Renia - Hardener A 300 the pot life is 4 - 6 hours.

### Thinning/Cleaning

Renia - Aquilim 330 can be diluted by small amounts of water. Adhesive containers and application devices can be cleaned with water.

### Heat/Environment resistance

The dried bonding is moisture resistant and thermally stable up to 60 - 70°C. On addition of a cross linker the thermal stability goes up to about 100°C.

### Storage and Transportation

Shelf life of 12 month at 20°C from date of production. **Attention:** The product is sensitive to freezing. Do not ship or store below 4°C. Do not keep in steel or tin containers.

### Hazard designation

according to CLP, see MSDS.

### Packages

Article-No.	Package	Net-Contents	Units p. Box
458250	0,5 kg-container	0,5 kg	18
458403	3 kg-container	3 kg	8
458430	30 kg-container	30 kg	10
458512	120 kg-drum	120 kg	3

**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.