



## RENIA - Aquilim =130= - Dispersion

Technical data sheet 430.000-0814

### BASIS:

Solvent-free Polyurethane dispersion with heat-activated cross-linker, specially designed for bonding all materials around shoes and related applications.

### MATERIALS:

All materials encountered in shoes can be bonded: Leather, rubber, PUR, Vulkollan, Perbunan, PVC, TR, Cork, felt, fabric, certain EVA types, etc. Can be used as adhesive or as a primer before the application of a Polychloroprene adhesive. Can only be used as a one-component system.

### INSTRUCTIONS:

Grind or roughen all materials. PUR/rubber unit soles can and TR soles have to be halogenated with RENIA – Rehagol. Leather and freshly split Vulkollan can be bonded without preparation (testing recommended). The adhesive can be sprayed or applied with a roll or brush. Let dry and **activate at 176 °F**. The heat activation starts the cross-linking process which greatly increases the resistance against water, heat, and chemical influences.

### POT-LIFE:

Can only be used as a one component system

### DRYING-TIME:

Depending to the combination of the materials and the method of application, the drying-time is 30-60 min. **The unique formulation of an adhesive already premixed with a heat-activated cross-linker allows reactivation of the dried adhesive film at any time, while offering an extremely high resistance against environmental influences.** Reactivation is possible with an IR lamp, quartz heater, high-capacity IR-UV lamp or heat gun. The adhesive turns clear as soon as it is completely dry.

### PRESSURE:

Shoes: 15 - 60 psi for at least 30 seconds.

Sheets: 15 psi per 100 cm<sup>2</sup>

### HIGHLIGHTS:

Aquilim has a strong tendency to crystallize. A few hours later work on the parts can continue. The bonding strength increases continuously and reaches its maximum after 2 days.

### SHELF-LIFE:

At least 12 months at 68 °F

**ATTENTION: SENSITIVE TO FROST AND CHILL!**

### THINNER:

Can be diluted with small amounts of water.

### CLEANING:

Rinse and clean containers and tools with water. This water can be added to the adhesive in small quantities. Add acid to larger amounts and separate the precipitated solid contents.

### LABELLING:

Not classified as hazardous material.

### PACKAGES:

Product	Package	Net-contents	Units per box
430250	1/8 Gal can	1/8 Gal = 1.1 lbs	24
430443	0.8 Gal can	0.8 Gal = 6.6 lbs	8
430430	8 Gal can	8 Gal = 66.2 lbs	10
430518	55 Gal drum	55 Gal = 460 lbs	2