



Renia - Aquilim =315= - Dispersion

Technical data sheet 450.000-0814

BASIS:

Solvent-free Polychloroprene dispersion, particularly designed for bonding materials occurring in the shoe industry, Pedorthics, Prosthetics, bags, foam, and related materials.

MATERIALS:

Many materials can be bonded with each other like PUR-foam (PPT, Poron), leather, rubber, certain PE and PP types, EVA, cork, felt, Styren, ABS, wood, etc. A special precoating is not necessary. Drying in an oven, with a heat gun, or IR is possible. Working with heat is not necessary, but allows working faster. The adhesive film is very flexible and transparent. Water-resistance can be increased greatly by mixing adhesive with 3-5% of Hardener =A300=.

INSTRUCTIONS:

First grind or sand all the materials. Clean foam from separators (tests are necessary). Aquilim can be sprayed, applied with a roll, brush, doctor blade, etc. If a porous material is combined with compact material, apply only on the compact side and fix the parts within a few minutes. This greatly increases the drying time, since the water needs to evaporate through the top layer.

POT-LIFE:

4-6 hours when mixed with Hardener =A300=.

DRYING-TIME:

Depending to the combination of the materials and the method of application, the drying-time is 30-60 min. The adhesive film can be reactivated with an IR lamp, with a quartz heater, a high-capacity IR-UV lamp or a heat gun. The adhesive turns clear as soon as it is completely dry.

PRESSURE:

Shoes: 1-5 bar for at least 30 seconds. Plates: 1 bar per 100 cm²

HIGHLIGHTS:

Aquilim has a strong tendency to crystallize. The bonded parts can already be handled, sanded, and trimmed after about an hour. The bonding strength increases continuously and reaches its maximum after 2 days.

SHELF-LIFE:

At least 12 months at 20 °C

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
450250	0.5 kg can	0.5 kg = 0.5 liter	24
450443	3 kg can	3 kg = 3 Liter	8
450430	30 kg can	30 kg =30 Liter	10
450512	120 kg drum	120 kg = 120 Liter	3