



RENIA – Renol =ASTI= Vinyl-Cement

Technical Data Sheet 340.000-0814

BASIS:

Antistatic Polyurethane cement for bonding all materials around safety shoes. **Free of toluene and MEK.**

MATERIALS:

All materials used for repairing and producing shoes and boots like leather, rubber, EVA, thermoplastic rubber (TR), expanded rubber, PVC (Vinyl), felt, cork, transparent materials, Perbunan-N, nylon etc. can be bonded to each other as well as to all upper materials. The antistatic adhesive layer has resistance of less than 1000 Ohm.

INSTRUCTIONS:

Grind all materials and remove all grinding dust and fibres. Stir the adhesive thoroughly before use. Coat both sides with Renia – Renol =ASTI= until you can see a layer of cement. If necessary, apply a second coat to absorbent materials. **TR** (Thermoplastic Rubber): Apply Renia-Rehagol and coat after 15 minutes with Renol =ASTI=. **PUR** (Polyurethane): After grinding, press the material with absorbent paper to remove the water. Then coat it with a thin layer of Renol =ASTI= reinforce very soft polyurethane. Apply another layer of adhesive on top of the dried first layer if necessary.

POT-LIFE:

Up to 8 hours when 5-10% Hardener =C= has been added.

OPEN ASSEMBLY TIME:

Depends on the material: 5 - 20 minutes Renol =ASTI= can be dried with an infra red lamp: IR-Lamp 80 °C: 3 minutes.

PRESSURE:

1 - 5 bar depending on the material

1 bar minimum time 60 seconds, 3 bar minimum time 30 seconds

The softer the material the less pressure is needed. Reduce pressure to 1 - 1.5 bar for soft materials or air cushion soles. Caution: Do not deform materials during pressing, otherwise the adhesive film will be destroyed.

HIGHLIGHTS:

Because of the fast crystallisation and the high initial bond strength of Renia – Renol =ASTI=, it is possible to handle the bonded pieces after a few minutes. The heat resistance is high enough to trim or buffer the sole or heel. The bonding strength increases continuously during the first two days. Although the plasticizer resistance is already extremely high as a one-component system, adding 5-10 % hardener further increases the resistance against heat, oil, and other chemical influences.

SHELF-LIFE:

Minimum 12 months at 20 °C

THINNER:

RENIA - R & L - Cleaner (or acetone)

CLEANING:

Clean equipment (glue-container, brush, etc.) with RENIA- R & L - Cleaner or acetone

LABELLING:

VbF	:	Al, Flashpoint less than 21 °C, highly flammable		
GGVSEB	:	Class 3	Packing Group	: III
IMDG	:	3	UN	: 1133
EmS	:	F-E, S-D		

PACKAGES:

Number	Package	Net-Contents	Unit per Box
340264	640 g tin	640 g = 0.8 liter	30 tins
340404	4 kg can	4 kg = 5 liter	6 cans
340423	23 kg can	23 kg = 28.8 liter	1 can