



RENIA – Syntic-TOTAL

Vinyl-Cement

Technical Data Sheet 320.000-0814

BASIS:

Polyurethane cement for bonding all materials around 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.

INSTRUCTIONS:

Grind all materials and remove all grinding dust and fibres. Coat both sides with Renia – Syntic TOTAL 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 Syntic TOTAL. **PUR** (Polyurethane): After grinding, press the material with absorbent paper to remove the water. Then coat it with a thin layer of Renia-Syntic TOTAL to reinforce very soft polyurethane. Apply another layer of adhesive on top of the dried first layer if necessary.

OPEN ASSEMBLY TIME:

Depends on the material: 5 - 30 minutes (TR 3-15 minutes, PVC 10 - 45 minutes). Syntic TOTAL 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-Syntic TOTAL, 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 glue-power 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	:	AI, 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
320119	90 g tubes	90 g = 110 ml	12 tubes
320461	1 Liter tin	850 g = 1 liter	24 tins
320404	4 kg can	4 kg = 5 l	6 cans
320410	10 kg can	10 kg = 12.5 iter	2 cans