

## *Renia – Köln Klebstoffe*

### **RENIA – ORTEC – Multi-Purpose Contact - Cement Technical Data Sheet 170.000-0307**

**BASIS:**

Polychloroprene cement for bonding many materials used by orthopaedic shoe technicians, pedorthists and foot orthotists; not for PVC: **free of toluene.**

**MATERIALS:**

All materials used for repairing or producing shoes like leather, rubber, EVA, TR, felt, cork, etc. can be bonded, but not on plastified PVC. To bond natural rubber mix the cement with 5-10 % hardener =C=. To bond PVC use Renia - Syntic-TOTAL or Renia-Colle de Cologne =All Purpose Cement.

**INSTRUCTIONS:**

Grind all materials and coat them with Ortec until you can see a layer of cement. Sometimes, you have to coat leather and other porous materials twice. **PE - PP:** No special preparation necessary. **TR** (Thermoplastic Rubber): Clean with acetone. For special TR halogenate with Rehalgol and bond with Syntic-TOTAL or Colle de Cologne. **PUR** (Polyurethane): After grinding, press the material together with paper to remove the water. Then coat it with Renia-Primer for PUR. Then, without delay apply the adhesive. Because of the long open time, this cement is fit for the use in larger series. The cement is also free from typical allergenes.

**POT-LIFE:**

About 8 hours when 5-10% hardener is added.

**OPEN ASSEMBLY TIME:**

It depends on the material: 15 - 120 minutes (TR 10-40 minutes). Ortec can be dried with an infrared lamp: IR-Lamp 80 °C: 3 minutes, shock-activator: 3 seconds.

**PRESSURE:**

1 - 5 bar depending on the material 1 bar minimum time 60 seconds 3 bar minimum time 15 seconds

**HIGHLIGHTS:**

Because of its slower crystallisation but the high initial power of Ortec it is possible to handle the bonded pieces after 1 hour. The heat resistance is high enough to trim or buffer the sole or heel. The glue-power increases continuously during the first two days. After adding 5-10 % hardener, you will get the best resistance against heat, oil and other chemical influences.

**SHELF-LIFE:**

Minimum 12 months at 20 °C

**THINNER:**

RENIA - Schnellkeber-Verdüner (thinner), no acetone!

**CLEANING:**

Clean equipment (glue-container, brush, etc.) with RENIA-Schnellkleber-Verdüner (thinner) or acetone

<b>LABELS:</b> VbF	:	AI, Flashpoint less than 21 °C, highly flammable		
GGVSE/RID-ADR	:	Class 3	Packing Group	: III
IMDG	:	3	UN	: 1133
EmS	:	F-E, S-D		

**PACKAGE**

Number	Package	Net-Contents	Unit per Box	Price per Unit
140264	1/1 Tin	640g = 0.8L	30 tins	
140404	4 kg can	4 kg = 5L	6 cans	
140423	23 kg can	23kg = 29L	1 can	