



*your partner in  
service and quality*

Always the right Stuff in Focus

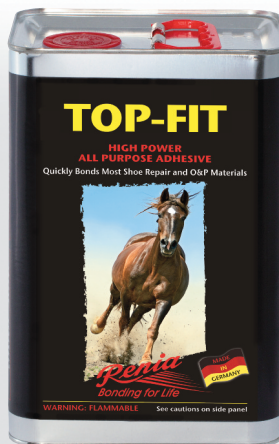


**Renia  
Syntic-TOTAL**  
Clear PUR-Adhesive  
Drying time: 5-45 minutes  
Tubes 90 g ~ 3 oz  
850 g (Quart) with brush  
4 kg or US-Gallon  
Best on PVC (Vinyl),  
TPR, PUR,  
"Paper-leather"  
Chrome tanned Leather

**HIGH TECH ADHESIVES**  
No Toluene, No MEK, dries clear, and easy to use



**Renia Ortec**  
All Purpose Cement  
Drying time: 5-60 minutes  
850 g (Quart) with brush  
4 kg or US-Gallon  
Also best on PP, PE, EVA,  
TPR



**Renia Top-fit**  
All Purpose Cement  
Drying time: 5-40 minutes  
Tubes 90 g ~ 3 oz (Klebfest)  
850 g (Quart) with brush  
US-Gallon  
Best on most shoe materials



**Renia  
Colle de Cologne**  
The Real Multi Purpose Cement  
Drying time: 5-40 minutes  
850 g (Quart) with brush  
4 kg or US-Gallon  
Also best on Vinyl (PVC)



**Renia -  
Primer for PUR**  
green, 85 ml, 250 ml  
**Renia - Rehagol**  
(Primer for TPR) yellow  
85 ml, 250 ml  
**Renia - Hardener**  
50 ml, 1 liter  
**Renia - All Purpose  
Thinner** for all  
Renia Adhesives  
Quarts,  
5 liter or US-Gallon

GP-Atom and Renia ProtoColle Superglue · Yankee-WAX - finishing wax

**All Renia Adhesives work on Leather, Rubber, TPR, Fabrics, Felt, Cork, PUR,  
no settings, no phase separation, extremely high green strength**

Renia USA Inc. · [www.renia.com](http://www.renia.com) · [www.renia.us](http://www.renia.us) · [info@renia.com](mailto:info@renia.com)



## STEP ONE: Identify the material to be bonded



| Material                      | How to recognize                                 | How to prepare   | Super-Fix | Top-fit | Ortec | Colle de Cologne | Syntic-TOTAL |
|-------------------------------|--|--|-----------|---------|-------|------------------|--------------|
| Leather                       | fibre structure                                  | sand   | ✓         | ✓       | ✓     | ✓                | ✓            |
| Chrome tanned Leather         | fibre structure, green colour                    | sand   | H         | H       | H     | H                | H            |
| Rubber                        | typical smell                                    | sand   | ✓         | ✓       | ✓     | ✓                | ✓            |
| Natural Rubber                | melts when sanded                                | sand   | H         | H       | H     | H                | -            |
| EVA                           | soft porous                                      | sand   | ✓         | ✓       | ✓     | ✓                | -            |
| Cork                          | Cork structure                                   | -  | ✓         | ✓       | ✓     | ✓                | ✓            |
| Vinyl (PVC)                   | Melts when sanded, typical chlorine smell        | Sand and clean with Acetone                                  | -         | -       | -     | ✓                | ✓            |
| TR                            | Similar to natural rubber<br>Melts with thinner  | Sand and prepare with RehaGol                                | ✓         | ✓       | ✓     | R                | R            |
| PUR                           | porous, light weight, integral foam              | Sand, prepare with Primer for PUR                            | P         | P       | P     | P                | ✓            |
| Polyethylene<br>Polypropylene | "Hardplastic" for orthopedics and orthotics      | Touch the surface with an open flame (gas) for a few seconds | -         | -       | ✓     | -                | -            |
| PS-Polystyrene                | Hardplastic for high heels<br>Melts with Acetone | Sand or clean with Acetone or MEK                            | ✓         | ✓       | ✓     | ✓                | ✓            |

H: + Hardener C R: + RehaGol P: + Primer

## STEP TWO: Bond with Renia COLLE DE COLOGNE® or Renia MULTI-COLLE®

Renia COLLE DE COLOGNE® and Renia MULTI-COLLE® have identical adhesive properties.

The open time for COLLE DE COLOGNE® is 5 - 30 minutes. The open time for MULTI-COLLE® is 3 - 15 minutes.

Use whichever product best fits your own operation.

### SIMPLE USAGE INSTRUCTIONS:

- As in all bonding: sand and clean dust from the surfaces.  
- Greasy surfaces (like PVC or TR) should be chemically cleaned with acetone or thinner.
- The softer the material, the less pressure. But with less pressure, press longer.
- Dry before bonding.
- COLLE DE COLOGNE® and MULTI-COLLE® can be used cold - or reactivated with infra-red, a heater or a hair dryer.
- Bonded parts can be sanded, trimmed and finished immediately after pressing.

**Most products can be bonded without special preparation.**

Some man-made materials may show good initial bonding, but later separate under wear conditions.

### To avoid this, we suggest the following special helpers:

**With PUR - Use Renia Primer for PUR (green)**

Pre-coat PU with green Primer and apply Renia Adhesives immediately

**With TR - Use Renia RehaGol (yellow)**

Pre-coat TR with RehaGol the yellow primer and wait 15 minutes before applying Renia Adhesives

**Greasy Material - Use Renia Hardener**

Mix 5% to 10% of Renia Hardener with the amount of Renia Adhesives you might need for the job and then work normally with this mixture. Any leftovers can be used for the next gluing job.