

# **germanBond<sup>®</sup> REPAIR**

**Uses:** One component repair compound for the filling of damaged areas of rubber conveyor belts, rubber linings, drums and cylinders.

**Specifications:**

Base:	polychloroprene (CR)
Colour:	black
Specific gravity:	1.3 g/cm <sup>3</sup>
Application:	spatula
Final hardening after:	approx. 24 h (at 20°C)
Application quantity:	approx. 1 kg/m <sup>2</sup> for 1 mm thickness
Oil resistance:	oil resistant according to DIN 53521
Shrinkage:	15 - 20 %
Shore hardness A:	approx. 65 " (after complete curing)
Hazardous material designation:	harmful (Xn)
Storage:	min. 6 months
Stocking:	dry, cool (<20°C)

**Surface pretreatment:**

The surface to be repaired must be clean, dry, and free from fat or oil. Roughen the surface slightly by means of an abrasive disc, a wire brush, a scraping tool or the like till all shiny patches have disappeared. Remove all dust completely. Primary coat: Mix **adhesive germanBond<sup>®</sup> 4kR** with **hardener germanBond<sup>®</sup> AR** at a ratio of 100: 5. In a closed packing drum the mixture remains usable up to 2 hours. Do not mix more primer than needed. Apply the primer thinly by means of a brush. Apply two layers of primary coat with absorbent grounds like textile belts, for instance. Let the primary coat dry (at 20° C) for approx 30 min before applying the repair filler. Supply of hot air will shorten the drying time.

**Application:**

Fill the faulty spot with the putty speedily and evenly. The thickness per layer should not exceed 10 mm. Let the filler dry up each time (approx. 8 h at 20° C and 10 mm layer thickness) till your finger does no longer leave an impression in the surface. Hot air supply can considerably shorten the drying time (approx. 3 h at 50 -60°C). Apply the filler repeatedly, each time after priming, if the filler thickness exceeds 10 mm.

**Sealing:**

**Adhesive germanBond<sup>®</sup> 4kR** with **hardener germanBond<sup>®</sup> AR** serves also as a protecting layer. Mix as indicated above. Do not mix more sealant than needed. Spread the sealant evenly over the surface of the cured filler by means of brush. After a drying time of approx 1 h (at 20° C) the repair will be completed, ie the repair spot has become loadable. With hot air supply the curing time will be accordingly shorter.

**Note:**

For constant loading the filler must be fully cured. After completion of the repair the filler further hardens spontaneously. Curing is completed after approx 24 h (at 20° C). An ambient temperature of at least 20° C is necessary for the postcuring phase.

In case of bad weather conditions such as cold, rain and heavy sun, normal working conditions have to be restored by means of protections such as a provisory roof, hot air supply etc.

**Operator's protection:**

Take note of the danger warnings and follow the security advice on the packaging! Request the "Security Data sheet"!

**Packing units:** 1 kg tin

**Important notice:** This product information sheet is the result of extensive research and engineering experience. All information is given to the best of our knowledge. The information contained herein does not constitute a product promise and does not exempt the user from carrying out his own tests prior to applying the product for his special uses. The advice contained in this product information is given without the manufacturer accepting any liability for damages or legal claims of any kind. All information is subject to changes through technical innovation.04/2020