

AAG 2K RUBBER CEMENT



datasheet

2 component contact adhesive free of chlorinated hydrocarbon and aromates

Uses: cold bonding of conveyor rubber belts, wear protection linings, friction laggings for pulleys and rollers as well as for the permanent-elastic and high-strength bonding of rubber, metal, fabrics, leather, polyurethane and other materials

Specifications:

Base:	polychloroprene
Solvent :	ethylacetate, cyclohexane
Colour:	black, white, transparent
Viscosity:	approx. 1500 mPa s
Spissitude:	approx. 0,85 g/cm ³
Hardener:	6-8 % AAG 2K hardener
Application:	brush, spatula
Yield:	approx. 150-200 g/m ² per coat
Ventilation time:	approx. 5 - 15 min
Pot life:	up to 2 h
Flammability:	highly inflammable
Shelf life:	minimum of 24 months
Storage requirements:	dry, cool, >+5°C, in tightly closed buckets

Using the product:

1. Surface preparation:

The bonding surfaces must be completely clean, dry, and free from grease and oil.

Rubber: Buff surface, remove all shiny areas. Completely remove all dust particles. In case of rubber with CN backing buffing is not necessary, but clean CN backing in any case using fast evaporating solvent.

Metal: Sand- or shotblast the surface, remove dust and wash with fast evaporating solvent (**ELASTOSAL Lösit**). For maximum adhesion use imperatively **ELASTOSAL Metal primer**, apply one thin coat on prepared metal surface and let dry the coat completely (approx. 30 min).

2. Mixing the components: Stir adhesive before mixing. **Mixing ratio:** adhesive H20 : hardener **ELASTOSAL RE/RFE** = 100 : 6-8 by weight. Mix thoroughly (2-3 min). Maximal handling time of mixed product is up to 2 hours in covered/closed buckets.

3. Applying the product: 2-3 coats are necessary. Apply the first or second thin and even coat to both bonding surfaces using a paint roller or brush, and allow to dry completely (min. 30 min). Apply last thin and even coat on both surfaces, and allow to dry until slightly tacky (appr. 5-15 min), check with back of finger nail. If too dry by false timing, apply new coat.

4. Joining: Join bonding surfaces together by applying strong and short contact pressure (e.g. using hammer, manual or pneumatic, with rubber head, rollers etc.). Adhesion surfaces must have 100% contact with each other.

Most favourable bonding conditions are at 15-25°C and at 30-65% relative humidity of air.

Caution: Compensate for extreme conditions such as cold weather, spells, rain etc. through precautionary measures i.e. additional roofing and warm air supply etc.

Warning: The adhesive swells at low temperature (< 0°C) but is fit for use again when warmed up at room temperature!

Attend to the safety recommendations. Ask for the material safety data sheet.

Buckets: tin 300g, tin 650g, hobbock 4kg, can 24kg, drum 180kg

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. (08/ 2015)