

# **SHOE & LEATHER**

## FAST SPECIAL ADHESIVE FOR BONDING LEATHER AND RUBBER



#### PRODUCT DESCRIPTION

Fast shoe repair adhesive for bonding leather and rubber, also in combination with metal, textiles and synthetic materials. Bonding remains flexible and balances material tension. High water and temperature resistant.

#### FIELD OF APPLICATION

Suitable for leather, rubber, flexible foam, fabrics, felt, cork. Ideal for repairing worn down soles, heels and holes in sides and upper parts of almost all kinds of shoes and boots - also for belts.

Not suitable for Styrofoam®, soft PVC, polyethylene and polypropylene.

#### **PROPERTIES**

- · Fast bonding and flexible repair adhesive
- · For bonding leather and rubber, also in combination with other materials
- · Bonding remains flexible: balance of material tension
- · High water and temperature resistant

#### **PREPARATION**

**Working Conditions:** approx. +15°C and +30°C

**Surface Requirements:** The surface must be dry, clean and free of dust and grease.

#### **APPLICATION**

#### **Directions for use:**

Method of application:a) The contact method:Apply shoe & leather evenly to both of the parts to be stuck together using a toothed spatula or a short-bristled brush. Apply a number of times to very absorbent materials (leather, fabric, felt, etc) until a readily visible film of adhesive remains. Keep the parts separate until the layer of adhesive is dry to the touch (this takes 10-15 minutes, depending on the temperature). Then place the parts together in their exact position and press together very firmly for a short time. No adjustment can be made. The firmness of the assembly depends on the amount of pressure applied and not the amount of time the pressure is applied - a few seconds is sufficient. If the assembly has been put together properly, it may be worked on immediately.b) The heat reactivation method: This method is recommended when both of the parts to be stuck together require a very high degree of initial bonding. Using this method also makes the assembly more resistant to heat. Apply adhesive to both parts of the assembly, as for the contact method (see above). Leave until completely dry. At any time subsequently, the parts are placed together in their exact position and bonded by applying heat in the region of +120°C to +150°C (using a heat press, infra-red lamp or a hot air blower; for small parts a household iron may be used). When using this method, care must be taken that the requested temperature must advance up to the adhesive joints. When this method is used, no adjustment is possible. If the parts of the join are under tension (curves, overlays, etc.), the assembly should be maintained in place until it has cooled down to room temperature.c) The solvent reactivation method: This method is recommended if it is preferred to extend the working time beyond about 30 minutes, for example to prepare the parts, or to temporarily store them and take up the assembly again at a later period in time. The adhesive is applied to both sides of the assembly, as for the contact method (see above). Leave until completely dry. Assembly can then be carried out at any time subsequently; one of the surfaces is wiped over with a lint-free cloth dipped in solvent and the parts are immediately pressed together very firmly. Suitable solvents for reactivation include methyl ethyl ketone (MEK), butyl acetate or nitro thinners.Lower temperatures and high humidity increase the hardening time of the adhesive and, thus, make good adhesion more diffic Stains/residue: Remaining adhesive can be removed and equipment cleaned using methyl ethyl ketone (MEK), ethyl acetate or nitro thinners.

**Advice:** Dilution: if necessary the product can be diluted (nitro thinners and butyl acetate). Not more than 10% should be added, otherwise the adhesive properties of the product will be altered.

**Points of attention:** Shoe & leather contains volatile, highly flammable solvents; precautions are therefore necessary during use and storage. Ensure proper ventilation when using over large areas.

Our advice is based on extensive research and practical experience. However, in view of the large variety of materials and the conditions under which our products are applied, we assume no responsibility for the results obtained and/or any damage caused by the use of the product. Nevertheless, our Service Department is always at your disposal for any advice needed.



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## **FAST SPECIAL ADHESIVE FOR BONDING LEATHER AND RUBBER**

#### **TECHNICAL SPECIFICATIONS**

Chemical base: Chemicals resistance: Water, oil, grease, diluted acids and alkalis  Colour: Yellow Consistency: Liquid Density approx.: Density approx.: Very good Final bond strength after: Maximum application temperature: Maximum application temperature: Minimum temperature resistance: Maximum temperature resistance: Moisture resistance: Good Open time approx.:  Time to press (+20°C): Vater good  Polychloroprene Water, oil, grease, diluted acids and alkalis  Very good  10,89 g/cm³  24 hours  15 °C  15 °C  Colour:  10 °C  Colour: Colour	TECHNICAL SPECIFICATIONS	T
and alkalis  Colour: Yellow  Consistency: Liquid  Density approx.: 0,89 g/cm³  Elasticity: Very good  Final bond strength after: 24 hours  Minimum application temperature:  Maximum application temperature:  Minimum temperature resistance:  Maximum temperature resistance:  Moisture resistance: Good  Open time approx.: 100 °C  Time to press (+20°C): 2-5 seconds, with high contact pressure  UV resistance: Very good  Viscosity approx.: 3500 mPa·s	Chemical base:	Polychloroprene
Consistency:  Density approx.:  Density approx.:  Elasticity:  Very good  Final bond strength after:  Minimum application temperature:  Maximum application temperature:  Minimum temperature resistance:  Maximum temperature resistance:  Moisture resistance:  Good  Open time approx.:  Time to press (+20°C):  UV resistance:  Liquid  0,89 g/cm³  24 hours  15 °C  -40 °C  -40 °C  -40 °C  Final bond strength after:  24 hours  100 °C  -40 °C	Chemicals resistance:	Water, oil, grease, diluted acids and alkalis
Density approx.:  Elasticity:  Very good  Final bond strength after:  Minimum application temperature:  Maximum application temperature:  Minimum temperature resistance:  Maximum temperature resistance:  Moisture resistance:  Good  Open time approx.:  Time to press (+20°C):  Viscosity approx.:  Overy good  Very good	Colour:	Yellow
Elasticity:  Final bond strength after:  Minimum application temperature:  Maximum application temperature:  Minimum temperature resistance:  Maximum temperature resistance:  Moisture resistance:  Good  Open time approx.:  Time to press (+20°C):  UV resistance:  Very good  Viscosity approx.:  Very good  15 °C  30 °C  -40 °C	Consistency:	Liquid
Final bond strength after:  Minimum application temperature:  Maximum application temperature:  Minimum temperature resistance:  Maximum temperature resistance:  Moisture resistance:  Open time approx.:  Time to press (+20°C):  UV resistance:  Viscosity approx.:  24 hours  15 °C  10 °C  30 °C  -40 °C  -40 °C  Food  10 °C  10 -40 minutes. This might vary, based on circumstances, like materials, temperature and humidity.  2-5 seconds, with high contact pressure  UV resistance:  Very good  Viscosity approx.:  3500 mPa·s	Density approx.:	0,89 g/cm <sup>3</sup>
Minimum application temperature:  Maximum application temperature:  Minimum temperature resistance:  Maximum temperature resistance:  Moisture resistance:  Good  Open time approx.:  Time to press (+20°C):  UV resistance:  Very good  Viscosity approx.:  15 °C  30 °C  -40	Elasticity:	Very good
temperature:  Maximum application temperature:  Minimum temperature resistance:  Maximum temperature resistance:  Moisture resistance:  Open time approx.:  Time to press (+20°C):  UV resistance:  Very good  Viscosity approx.:  30 °C  -40 °C  -40 °C  -40 °C  100	Final bond strength after:	24 hours
temperature:  Minimum temperature resistance:  Maximum temperature resistance:  Moisture resistance:  Good  Open time approx.:  10-40 minutes. This might vary, based on circumstances, like materials, temperature and humidity.  Time to press (+20°C):  2-5 seconds, with high contact pressure  UV resistance:  Very good  Viscosity approx.:  3500 mPa·s		15 °C
resistance:  Maximum temperature resistance:  Moisture resistance:  Good  Open time approx.:  10-40 minutes. This might vary, based on circumstances, like materials, temperature and humidity.  Time to press (+20°C):  2-5 seconds, with high contact pressure  UV resistance:  Very good  Viscosity approx.:  3500 mPa·s		30 °C
resistance:  Moisture resistance:  Good  Open time approx.:  10-40 minutes. This might vary, based on circumstances, like materials, temperature and humidity.  Time to press (+20°C):  2-5 seconds, with high contact pressure  UV resistance:  Very good  Viscosity approx.:  3500 mPa-s		-40 °C
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pressure  UV resistance: Very good  Viscosity approx.: 3500 mPa·s	Open time approx.:	vary, based on circumstances, like materials, temperature and
Viscosity approx.: 3500 mPa·s	Time to press (+20°C):	, ,
7 11	UV resistance:	Very good
Water resistance: Good	Viscosity approx.:	3500 mPa·s
	Water resistance:	Good

#### **PACK SIZES**

30 g

### STORAGE CONDITIONS

Store in tightly closed packaging in a dry, cool and frost-free place.

Our advice is based on extensive research and practical experience. However, in view of the large variety of materials and the conditions under which our products are applied, we assume no responsibility for the results obtained and/or any damage caused by the use of the product. Nevertheless, our Service Department is always at your disposal for any advice needed.