

TECHNISCHES DATENBLATT



ECO POLYURETHANE-ADHESIVES two-component



Hoof Adhesive **BLOCK BOND®FAST**

The two-component polyurethane adhesive BLOCK BOND® has been specially developed for claw care and bonding of wooden blocks with cattle claws with a focus on maximum safety and efficiency. The patented BLOCK BOND® formulation completely eliminates ingredients with hazard label H351 "May cause cancer".

This unique selling point, combined with its uncomplicated application and extremely fast bonding time of BLOCK BOND® FAST ensure the highest possible animal welfare for this application on the market.

- Universal and uncomplicated claw adhesive even for difficult working conditions
- Excellent adhesion to wood and daws
- Stable formula: application of the adhesive on sloping or vertical surfaces
- Wide gap filling capacity from 0 - 10 mm
- High chemical resistance during the curing process
- Frost-proof storage, no crystallisation at low temperatures

Technical properties uncured product

Chemical basis:	Polyurethane
Color:	
Polyol	green
Isocyanat	translucent
Viscosity [mPas] ¹⁾ :	
Polyol	pastous
Isocyanat	pastous
Density:	
Polyol	ca. 1,10
Isocyanat [g/ cm ³]:	ca. 1,16
Mixing ratio:	1:1
Gap filling capacity [mm]:	optimum 3, max. 10
Processing temperature [°C]:	-10 °C to +30 °C (+20 °C optimal)
Storage temperature [°C]	-10 °C to + 23 °C (short term to +35 °C)

1) 25 °C Brookfield LV 64; 1 U/min

2) Optimum gap achievable by pressing firmly

Technical properties hardened product

Colour:	green
Shore hardness [D] ¹⁾ :	50 - 75
Required force to twist the block (after 1:00 min) [Nm]:	> 160

1) proved to DIN 53505

Curing_{3 mm, 22 °C, 50 % air humidity}

Open time [s]:	6 - 10
No sliding of the block after pressing firmly [s]:	3 - 5
Time ¹⁾ till loading the hoof [min]:	1:00 - 1:30
Exothermic reaction [°C] ¹⁾ :	> 100°C after 1:30 min

1) Referring to EN ISO 10964, with a uniform gap of 3 mm

2) GLUETEC AA-027

Container sizes

BLOCK BOND® FAST is available in a 200 ml cartridge.

Member of

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Storage & Durability

The shelf life is, at the optimum storage temperature of -10 °C to +23 °C in the closed original container, a maximum of 12 months. A higher storage temperature leads to a significantly lower durability. The storage temperature must not fall below -10 °C.

Safety data sheets

Please refer to the current data sheet for safety relevant data.
Click or scan here:

Accessories

The following accessories are available for the BLOCK BOND® FAST:
BLOCK BOND® mixing nozzles 200 ml double cartridge (10 pcs. in polybag)
BLOCK BOND® dispensing gun for 200 ml cartridge



ISOCYANATE



POLYOL

Note:

Please note the information and notes in our respective safety data sheets. The data contained herein are for informational purposes only and are believed to be accurate to the best of our knowledge. We assume no liability for the results. For optimum functionality of the adhesive system, please only use the cartridge and mixer systems tested and released by GLUETEC. The product is only suitable for professional and experienced users. It is the user's own responsibility to take precautions to protect property and people from the hazards that may be encountered in handling and using these products. Accordingly, GLUETEC specifically disclaims any warranty, expressed or implied, including any warranty or suitability commitments for a particular purpose. In particular, GLUETEC disclaims all liability for consequential or indirect damages of any kind.