FAST GLUE ULTRA+

REPAIR GLUE
60% BIOBASED FORMULA

TECHNICAL DATASHEET

SMART PRODUCT BENEFITS

- **Liquid formula, 60% biobased**
- **Natural smell**
- **Colorless**
- **Ultra strong**
- **No Immediately sticky fingers**
- **Multi materials & Multi usage**
- **Heat & water resistant**

PRODUCT DESCRIPTION

Technology	Cyanoacrylate
Chemical Type	Alkyl Cyanoacrylate
Appearance	Colorless liquid
Components	One part
Viscosity	Medium
Cure	Humidity

BOSTIK FAST GLUE ULTRA+ is the first repair glue containing **60%** natural ingredients. Ultra strong and many more advantages. Not sticking to fingers, no smell, multi materials. And all that thanks to the power of Castor oil.

FIELDS OF APPLICATION

For household repairs and handicrafts.
BOSTIK FAST GLUE ULTRA+ Liquid has excellent bonding properties to a very broad range of materials such as **wood, rubber, metal, ceramics, glass, tiles, plastic*, leather and much more.**
BOSTIK FAST GLUE ULTRA+ has excellent bonding properties to a very broad range of materials, including woods, metals, plastics and elastomers. It is flexible and has exceptional resistance to water and humidity.
*Except: polyolefins (e.g. PP 7 PE) and silicone

APPLICATION

1) Before applying the glue, make sure the gluing surface is clean, dry and free of grease.
2) Apply adhesive to one of the surfaces. Do not use items like tissue or a brush to spread the adhesive.
3) Assemble the parts within for approx. 15 seconds. The parts should be accurately located, as the short fixture time leaves little opportunity for adjustment.
4) Bonds should be held fixed or clamped until adhesive has fixture.
5) Clean the nozzle after each use and screw the cap on tightly

STORAGE

18 months in its original packaging, stored at 20°C maximum.
Once opened, your product will keep for several months when stored upright in a cold dark place. Protect from frost.

CONSUMPTION

Depending on the application.

GENERAL INFORMATION

This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected as a sealant for chlorine or other strong oxidizing materials.
For safe handling information on this product, consult the Safety Data Sheet (SDS).

TYPICAL CURING PERFORMANCE

Under normal conditions, the atmospheric moisture initiates the curing process. Although full functional strength is developed in a relatively short time, curing continues for at least 24 hours before full polymerization is achieved.

TYPICAL PERFORMANCE OF CURED MATERIAL

FIXTURE TIME

Fixture time is the time at which an adhesive bond (250 mm^2) is capable of supporting a 3 Kg load for 10 seconds. The fixture time will depend on the substrate. The table below shows the fixture time for different substrates using lap shears.

Substrate	Time (s)
Pine Wood	10 - 60
Beech Wood	10 - 30
ABS	30 - 60
Polycarbonate	80 - 140
PVC	15 - 35
PET	5 - 25
PMMA	50 - 140
Aluminium A5754	20 - 40
Mild Steel	10 - 25

TENSILE SHEAR STRENGTH

The shear strength will depend on the substrate. The Table below shows the shear strength for different substrates using lap shears according to ISO 4587.

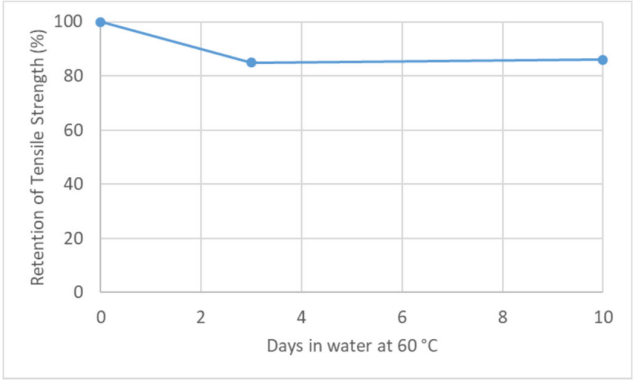
Cured for 24h at 22 °C

Substrate	Strength (N/mm^2)
Pine Wood	5 - 6
Beech Wood	7 - 9
ABS	8 - 10
Polycarbonate	7 - 9
PVC	3,5 - 4,5
PET	2 - 3
PMMA	4 - 6*
Aluminium A5754	7 - 8
Grid Blasted Mild Steel	10 - 12

*Substrate failure

RESISTANT TO WATER

Bostik Ultra+ displays exceptional resistance to water. The following graph shows the retention of tensile strength on GBMS for samples immersed in water at the temperature of 60 °C. After 10 days the strength retention was 86%.



TECHNICAL SPECIFICATIONS AND DATA	
Color	Colorless
Form	Liquid
Specific gravity	0,97 g/m³ (25°C)
Viscosity	140 to 120 Brookfield, 25°C Spindle 52z, 100 rpm (mPa·s)
Glass transition temperature (Tg)	92°C
Water absorption	0,24%

AVAILABLE PACKAGING		
ART. NO	**COLOR**	**PACKAGING**
Local product code	Colorless	3g tube in the blister
Local product code	Colorless	3x1g tubes in the blister

Delivered: 05.23

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BOSTIK HOTLINE

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