



Super Bond

An universal medium viscosity instant adhesive giving strong permanent repairs



Features & Benefits

- Instant adhesion – super fast in just 5 sec
- Improved formula – in a high quality bottle for a long shelf life
- Optimum viscosity – the best choice for most applications
- Strong performances – high tensile and shear strengths
- No blooming – for a perfect finish on visible repairs
- For most materials – bonds a large range of materials, including porous substrates

P/N	Product	S/C	Packaging
86922	Super Bond	KSB	20 g bottle

Application

Super Bond is the most universal instant adhesive for a wide range of applications. It has been formulated to an optimum viscosity which is thin enough to penetrate joints and thick enough not to run off the area to be bonded. Super Bond shows excellent performances on most substrates: steel, aluminium, PVC, plexiglass, polycarbonate, ABS, rigid polystyrene, elastomers (e.g. rubber), glass, cardboard, paper, leather, etc. It can also be used on porous substrates.

Super Bond doesn't bloom and is therefore well suited for cosmetic applications or visible repairs.

Instructions

1. For best results, surfaces to be bonded must be clean, free from dirt, waxes, oils, etc., using KENT Acrysol or Soft Surface Cleaner.
2. Protect your hands using gloves, to avoid fingers to stick together.
3. Apply sparingly to one surface only.
4. Bring the surfaces together immediately, taking care to ensure the correct alignment.
5. Apply firm pressure to ensure that the adhesive spreads into a thin film.
6. Do not disturb or re-align until the curing is achieved (normally in a few seconds).
7. Any surplus liquid adhesive may be removed with KENT Acrysol or Soft Surface Cleaner.
8. Always close cap after use, ensuring it is correctly secured, and wipe the tip clean.

Use KENT Super Bond Activator to improve bond strength, e.g. for hard-to-bond materials, or to accelerate curing process. Please refer to the technical data sheet for the instructions for use.



Technical Information

Base:	Ethyl cyanoacrylate
Consistency:	Liquid
Colour:	Clear
Shelf life:	12 months (for increased shelf life, store in a dark and dry place below 8° C)
Custom tariff code:	3506 10 00
VOC:	18 g/l

Cure mechanism:	Moisture	Tensile strength:	
Specific gravity:	1,05 g/ml	Pine Wood:	11 - 14 N/mm ² *
Viscosity (Brookfield):	1050 - 1500 mPa.s	Beech Wood:	14 - 15 N/mm ² *
Temp resistance :	-20° C to +80° C	ABS:	10 - 12 N/mm ² *
Max. gap fill:	no gap filling	Polycarbonate:	5 - 8 N/mm ²
Fixture time:		Aluminium A5754:	6 - 8 N/mm ²
Pine Wood:	20 - 30 sec	Mild steel:	16 - 24 N/mm ²
Beech Wood:	15 - 60 sec		*substrate failure
ABS:	10 - 30 sec		
Polycarbonate:	15 - 30 sec		
Aluminium A5754:	10 - 20 sec		
Mild steel:	15 - 25 sec		
Full strength achieved:	> 24 hours		

Thin bond lines provide higher cure speeds; increasing the bond gap will decrease the speed of cure. Higher relative humidity levels result in higher cure speed.



SDS available on www.kenturope.com

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