



2K Super Bond

Universal instant adhesive with high gap-filling properties



Features & Benefits

- High adhesion strength on many substrates including glass - Long-lasting assembly
- Fills gaps up to 5 mm - Can also be used for bonding irregular surfaces
- Adhesive and activator in one - No need to add an activator as an additional step

P/N	Product	S/C	Packaging
86663	2k Super Bond	2KSB	10 g syringe + 3 mixer nozzles

Application

2K Super Bond is a gap filling instant adhesive/repair product with excellent adhesion to a broad range of materials and surfaces, including plastics, rubbers, metals and glass. It's also a perfect solution for bonding porous materials such as ceramic, wood, paper and fabric.

2K Super Bond is designed for the assembly of irregular surfaces with bond gaps up to 5 mm or for applications where complete cure of excess adhesive is required.

2K Super Bond can be applied on vertical and overhead surfaces as its consistency will prevent it from flowing down.

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 KENT Super Bond Protect, to avoid fingers to stick together.
3. Insert the mixer nozzle and discard the first few drops.
4. Apply sparingly to one surface only. Bring the surfaces together immediately during 30 seconds, taking care to ensure the correct alignment.
5. Apply firm pressure to ensure that the adhesive spreads into a thin film and wait 5 to 10 minutes before handling.
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 Super Bond Remover.
8. After use, discard the mixer nozzle and replace the cap.



Technical Information

Base:	Ethyl cyanoacrylate
Consistency:	Gel
Colour:	Translucent
Shelf life:	12 months (for increased shelf life, store in a dark and dry place at 5° C. Before the application, the unopened product should reach room temperature in order to optimise the adhesive strength and to protect the product against intruding air humidity)
Custom tariff code:	35061000
VOC:	92 g/l

Cure mechanism:	By mixing	Shear strength:	
Mixing ratio:	4:1	Mild steel:	17 - 20 N/mm ²
Specific gravity:	Part A: 1.09 g/ml	Aluminium A5754:	3 - 7 N/mm ²
	Part B: 1.17 g/ml	Polycarbonate:	10 - 12 N/mm ²
Hardness:	Shore D 56	ABS:	9 - 12 N/mm ²
Temp resistance :	-20° C to +80° C	Pine Wood:	11 - 13 N/mm ²
Max. gap fill:	max. 5 mm		
Fixture time:			
	Mild steel: 15 - 45 s		
	Aluminium A5754: 5 - 20 s		
	Polycarbonate: 15 - 45 s		
	ABS: 30 - 60 s		
	Pine Wood: 45 - 75 s		
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

Terms and Conditions

No part of this publication may be reproduced, transmitted or stored, electronically, mechanically or photocopied without the prior permission of KENT (United Kingdom) Ltd. This data sheet and its contents (the "Information") belong to KENT (United Kingdom) Ltd., or are licensed to it. No license is granted for the use of it other than for information purposes in connection with the products to which it relates. No license of any intellectual property rights is granted.

The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error from or omission in it nor for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including

liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. KENT is the trading name of KENT (United Kingdom) Ltd.

Registered Office: Amber House,
Showground Road, Bridgewater, Somerset, United Kingdom TA6 6AJ
All rights reserved

KENT (United Kingdom) Ltd, Forsyth House, Pitreavie Drive, Pitreavie Business Park, Dunfermline, Fife KY11 8US Tel : 0800 136925 or 01383 723344 between 08:30-17:30 Monday-Thursday, 09:00-15:00 on Fridays'. For out of hours queries please Fax us on 01383 735829 or Email: kentinfo.uk@kenturope.com

Rev: 12.08.2019