



Super Bond

Innovative high quality products for instant bonding.



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Cyanoacrylate adhesives.

A cyanoacrylate adhesive is a one-part system curing at room temperature and available in viscosities ranging from water-thin liquids to thixotropic gels. When pressed into a thin film between two surfaces, cyanoacrylates cure rapidly to form rigid thermoplastics with excellent adhesion to most substrates.

Cyanoacrylate adhesives basically are cyanoacrylate esters, of which methyl and ethyl cyanoacrylates are the most common. Cyanoacrylates undergo anionic polymerization in the presence of water/humidity and are stabilized with the addition of acid. When the adhesive comes into contact with a surface, the water present on the surface neutralizes the acid in the cyanoacrylate, resulting in the quick curing of the adhesive.

Advantages

- One-part system
- Quick room temperature cure
- Wide range of viscosities available
- Excellent adhesion to most substrates
- High shear and tensile strengths

Disadvantages

- Poor peel strength
- Limited gap filling properties
- Poor durability on glass
- Low resistance to solvents
- Standard temperature resistance is approx. 90 °C
- Bonds skin rapidly



Bond it with KENT.

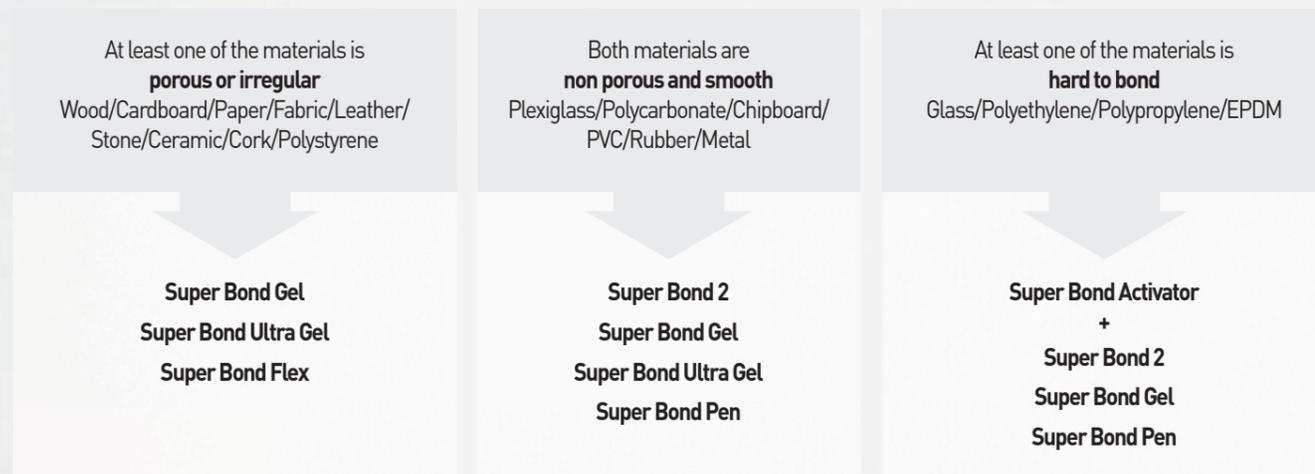
The KENT Super Bond range offers fast and efficient assembly solutions for a variety of different materials in very diverse markets:

- A comprehensive range meeting everyone's needs and expectations
- Reliable bonding performances
- Improved temperature resistance, up to 120 °C
- Unique anti-clog dispensing system that prevents Super Bond adhesives from curing in the nozzle
- Non blooming
- Compatibility with a wide variety of materials
- Ability to bond dissimilar materials between them
- Available in all levels of viscosities

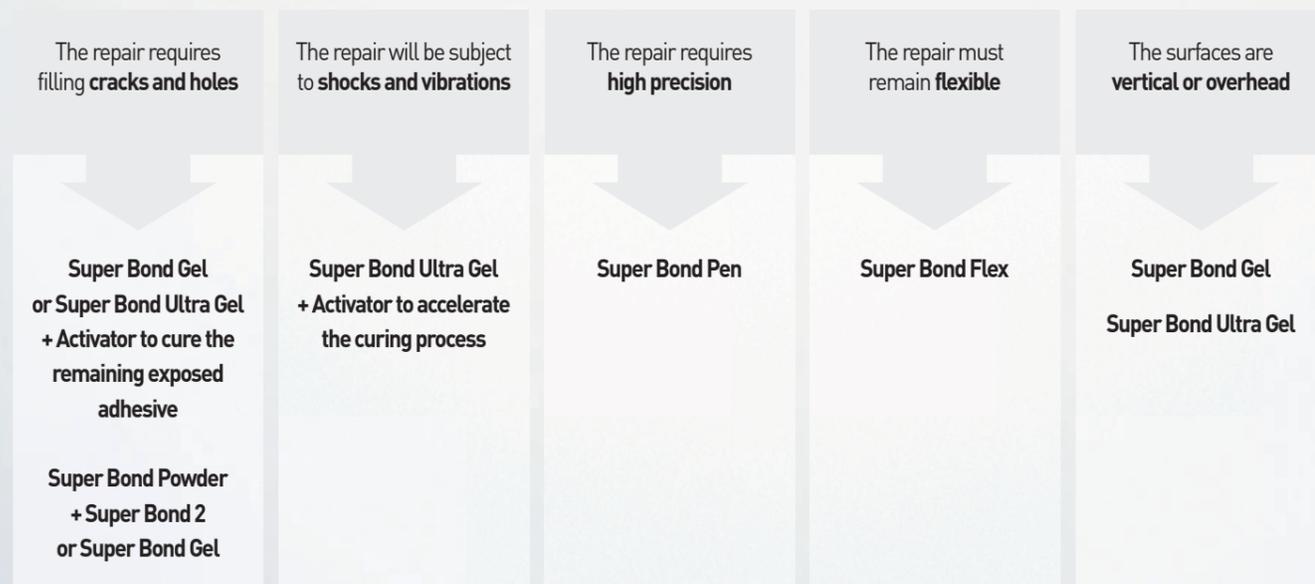
The KENT Super Bond Selection Guide.

The KENT Super Bond range is optimised for any of your applications depending on the type of substrate you're willing to bond and on the external conditions, like temperature, forces, etc.

1. Which materials do I need to bond?



2. How would I describe the repair?



Note: For any product, please refer to the technical data sheet for the instructions for use.



Viscosities.

What does viscosity mean?

The viscosity of a fluid corresponds to the informal concept of „thickness“.

The KENT Super Bond range offers products with different levels of viscosity:



High viscosity

- Will not run down on vertical surfaces nor fall off from overhead surfaces
- Ideal for filling gaps or irregular surfaces
- Will not be absorbed by porous materials, like wood and brick
- Super Bond Gel and Super Bond Ultra Gel



Medium viscosity

- All-round adhesive suitable for very diverse applications
- Ideal for smooth horizontal surfaces



Low viscosity

- Ideal where high precision is required, applied with the KENT Super Bond Pen

Surface Preparation.

Surface preparation is an essential operation for achieving optimal bonding results. KENT offers you a reliable and complete range of high quality products for cleaning and preparation.

Superglove Finite Nitrile Gloves

Disposable non-powdered nitrile gloves.

The KENT Superglove Finite Nitrile Gloves offer better puncture and abrasion resistance than natural rubber or vinyl. The disposable gloves have excellent grip, both while wet and dry and can be worn on either hand. What's more, they have greater tear resistance and are more resistant against chemicals.



Benefits

- ✓ Optimal fit for excellent flexibility
- ✓ Excellent tactile sensation
- ✓ Suitable for sensitive skin and people with latex allergy

Part No. V2230	100 pc.	Size M
Part No. V2173	100 pc.	Size L
Part No. V2174	100 pc.	Size XL

Microfibre cloths

Carefully cleans all surfaces.

The KENT Microfibre cloths efficiently clean any surface without leaving streaks and lints. Different cloths are available depending on the application.



Benefits

- ✓ High absorption power
- ✓ Leaves no streaks or lints
- ✓ Can be used dry, moist or wet

Part No. 86343	3 units in blue	40 x 40 cm	Finishing Microfibre Cloths - Blue
Part No. 86344	1 units in blue	64 x 32 cm	Finishing Microfibre Cloths - Blue
Part No. 86345	1 units in blue	40 x 40 cm	Microfibre Cloth for glass - Blue
Part No. 86328	5 units in yellow	40 x 40 cm	Universal Microfibre Cloths - Yellow

Acrysol

A high performance solvent cleaner for many surfaces.

KENT Acrysol is designed to thoroughly clean and degrease surfaces, before flashing off and leaving a perfectly clean and contamination free surface that is ideal for adhering to.

Instructions

1. Spray apply onto the surface to be treated
2. Wipe with a clean dry cloth/ allow to flash off
3. Repeat if necessary

Benefits

- ✓ Universal solvent for the removal of greases, waxes and adhesives
- ✓ Removes silicone deposits and tar residues
- ✓ Very fast drying

Part No. 83930	500 ml	aerosol
Part No. 83925	1 litre	tin



Soft Surface Cleaner

A highly versatile, non-aggressive industrial solvent cleaner.

KENT Soft Surface Cleaner is a powerful, fast acting solvent, which dissolves dirt, grease and oil without damaging delicate surfaces. It can be used on: metal, aluminum, wood, cement, most plastics, plexiglas, machinery, equipment, tools, engines, chains, ceramic tiles, and most painted surfaces.

Instructions

1. Apply generously on the surface to be cleaned
2. Allow to penetrate
3. Wipe the surface with a clean dry cloth
4. Repeat the treatment if necessary



Benefits

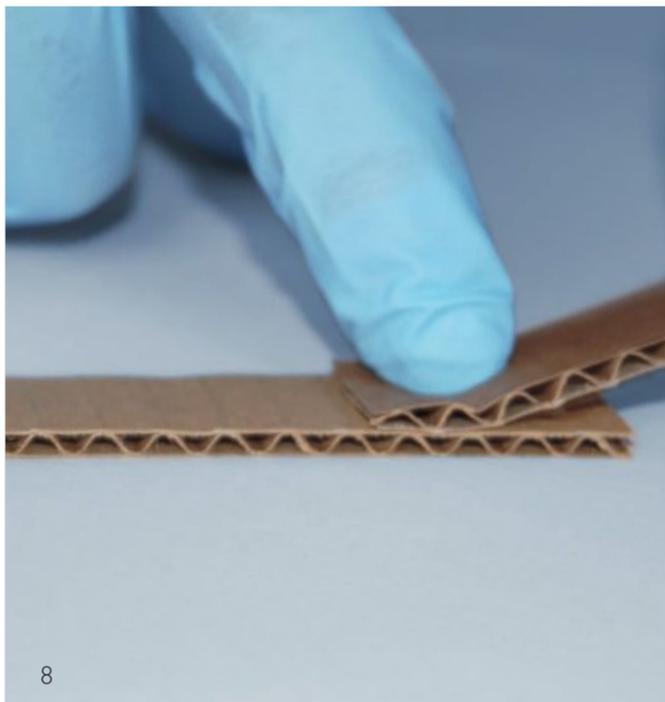
- ✓ Exceptionally versatile
- ✓ NSF registered, Category K1
- ✓ Easily removes contaminants from hard to reach areas

Part No. 34405	500 ml	aerosol
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Super Bond products

The Super Bond range has been developed by professionals for professionals. This product range is the result of our know-how acquired through the experience in the development of premium products. Beyond this, we have listened to Customers' suggestions and ideas for continuous improvement. Test it yourself and be convinced!



Super Bond 2

A universal low to medium viscosity instant adhesive giving strong permanent repairs.



Super Bond 2 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 2 shows excellent performances on most substrates.

Instructions

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

Benefits

- ✓ Optimum viscosity - the best choice for most applications
- ✓ Improved formula - resistant to high temperature (120°C)
- ✓ Strong performances - high tensile and shear strengths

Part No. 86514 20 g bottle

Super Bond Gel

A high viscosity instant adhesive for bonding most porous materials.



Super Bond Gel is a fast-curing high viscosity cyanoacrylate adhesive. It has been formulated to achieve high bond strength on porous and irregular materials, such as wood, cork, cardboard, paper, fabric, leather, stone and ceramic.

Instructions

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

Benefits

- ✓ High viscosity gel - ideal for bonding porous materials and filling small gaps
- ✓ Reduced dripping - for application on vertical surfaces
- ✓ Improved formula - resistant to high temperature (120 °C)

Part No. 86515 20 g bottle

Super Bond Ultra Gel

A non-sag rubber-toughened instant adhesive with excellent gap filling properties.



Super Bond Ultra Gel is the ideal choice for filling small cracks and holes. It is highly resistant to shocks and vibrations, e.g. for repairs on or nearby running machines, engines and pumps.

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. Apply sparingly to one surface only
3. Bring the surfaces together immediately, taking care to ensure the correct alignment
4. Apply firm pressure to ensure that the adhesive spreads into a thin film
5. Do not disturb or re-align until the curing is achieved (normally in a few seconds)
6. For filling gaps, you might first have to cover the underside of the gap using KENT Plastic Backing Film, preventing the adhesive from flowing away. Apply Super Bond Activator to cure the exposed adhesive
7. Any surplus uncured 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



Benefits

- ✓ Gap filling - the best choice for filling small cracks and holes
- ✓ Excellent impact strength - resistant to shocks and vibrations
- ✓ Non-sag gel - ideal for applications on vertical and overhead surfaces

Part No. 86516 20 g tube



Super Bond Pen

A universal low viscosity instant adhesive in a pen for strong high-precision repairs.



Super Bond Pen is the best choice for high precision applications, e.g. tiny assemblies, electronics, scale modeling, etc. Super Bond Pen shows excellent performances on most substrates.

Instructions

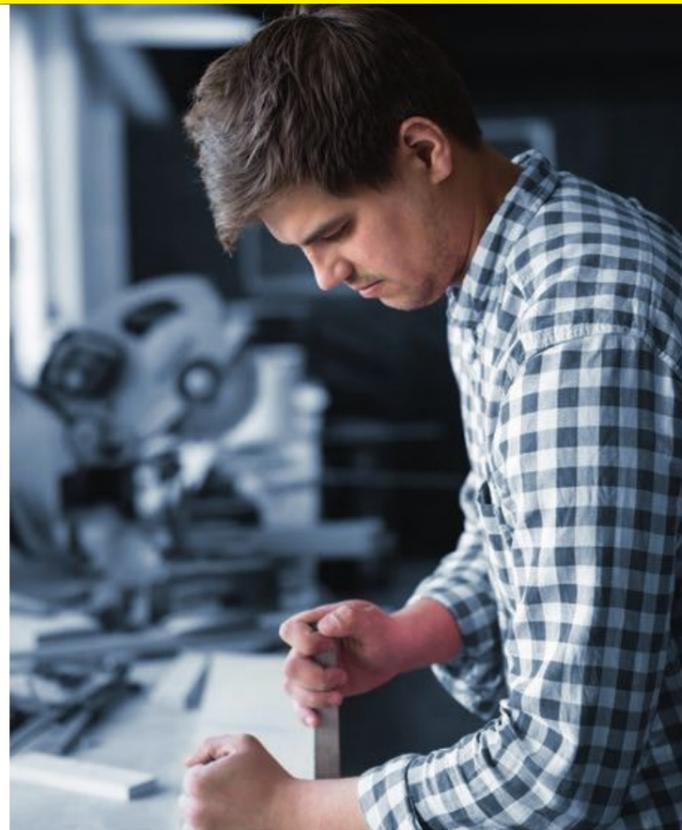
1. For best results, surfaces to be bonded must be clean, free from dirt, waxes, oils, etc. using KENT Acrysol or Soft Surface Cleaner
2. Apply sparingly to one surface only
3. Bring the surfaces together immediately, taking care to ensure the correct alignment
4. Apply firm pressure to ensure that the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

Benefits

- ✓ Low viscosity - the best choice for fine applications
- ✓ Precision pen - for high precision
- ✓ Strong performances - high tensile and shear strengths

Part No. 85602 10 g pen
Part No. 85603 10 g refill





Super Bond Flex

A black rubber-toughened instant adhesive for bonding flexible materials.

Super Bond Flex is a fast-curing rubber-toughened cyanoacrylate adhesive. It has been formulated to give a strong flexible repair on materials such as leather, rubber or any material that will be slightly bended or twisted. The flexibility also allows a good impact strength, which is ideal for repairs subject to vibrations and shocks

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. Apply sparingly to one surface only
3. Bring the surfaces together immediately, taking care to ensure the correct alignment
4. Apply firm pressure to ensure that the adhesive spreads into a thin film
5. Do not disturb or re-align until the curing is achieved (normally in a few seconds)
6. Any surplus liquid adhesive may be removed with KENT Acrysol or Soft Surface Cleaner
7. Always close cap after use, ensuring it is correctly secured, and wipe the tip clean

Benefits

- ✓ Rubber-toughened - ideal for repairs which must remain flexible
- ✓ Good impact strength - resists vibrations and shocks
- ✓ Reduced dripping - for application on vertical surfaces

Part No. 86517 20 g bottle



Super Bond Powder

A translucent reinforcing powder for filling holes and cracks.

When combined with a liquid Super Bond adhesive, Super Bond Powder offers unique reinforcing and filling capabilities for repairing cracks, holes and gaps in just a few seconds. It can also be used to re-assemble broken parts or assemble dissimilar materials between them.

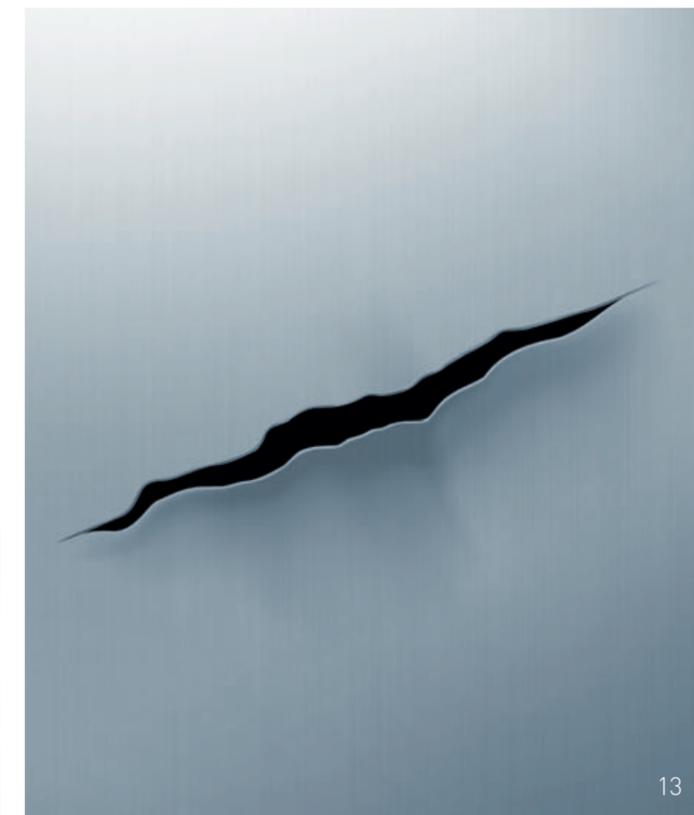
Instructions

1. For best results, slightly sand the surfaces. Surfaces must be clean, free from dirt, waxes, oils, etc. using KENT Acrysol or Soft Surface Cleaner
2. Apply the adhesive (Super Bond Pen, Super Bond 2 or Super Bond Gel) into the crack or hole. You might have to first cover the underside of the gap using KENT Plastic Backing Film, preventing the adhesive from flowing away
3. Immediately after, apply Super Bond Powder until the adhesive is fully absorbed and some dry powder remains on the top of the filled gap
4. Once cured, after a few seconds, wipe away the excess of powder and tool the repaired area until the desired finished is achieved
5. Always close cap of the adhesive after use, ensuring it is correctly secured, and wipe the tip clean

Benefits

- ✓ Instant cold welding solution - forms a strong repair once mixed with Super Bond
- ✓ Wide range of applications - for filling holes and cracks and for small assembly repairs
- ✓ Can be drilled, filed, tapped, milled, sanded and painted

Part No. 86486 30 g bottle



Super Bond Activator

A fine mist spray for increased bond strength and accelerated cure.

Super Bond Activator can be used to enhance bond strength and cure speeds, on porous and acidic surfaces, as well as on hard-to-bond materials, like EPDM, PE, PP and glass. It is also very useful to cure the exposed uncured Super Bond adhesive after gap filling operations. Ideal for use in not optimal external conditions for cyanoacrylate adhesives, e.g. dry and/or cold environments.



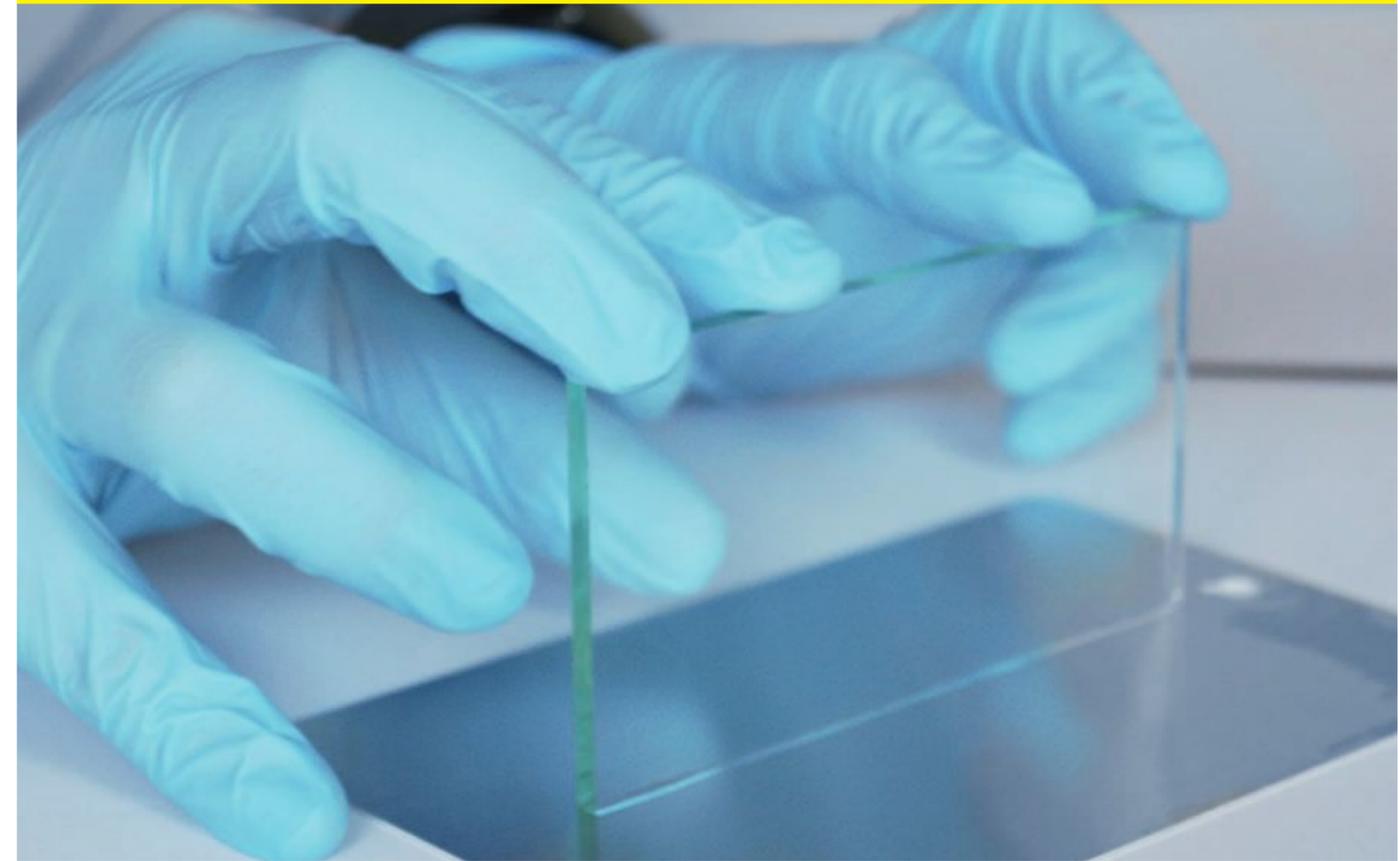
Instructions

1. Before use, a compatibility test should be performed on a hidden part of the surface
2. For best results, surfaces to be bonded must be clean, free from dirt, waxes, oils, etc. using KENT Acrysol or Soft Surface Cleaner
3. Apply Super Bond Activator to one surface and Super Bond adhesive to the other surface, respecting a spraying distance of 20 to 30 cm, and allow flashing off
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
7. For gap filling repairs, apply Super Bond Activator on the exposed uncured Super Bond adhesive and allow to cure
8. Any surplus liquid adhesive may be removed with KENT Acrysol or Soft Surface Cleaner
9. Always close cap of the adhesive after use, ensuring it is correctly secured, and wipe the tip clean

Benefits

- ✓ Primer and accelerator in one - for improved bond strength and accelerated cure
- ✓ Fine mist spray - for a homogeneous application
- ✓ Non blooming - for a perfect finish on visible repairs

Part No. 86518 150 ml aerosol



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KENT (United Kingdom) Ltd
Forsyth House
Pitreavie Drive
Pitreavie Business Park
Dunfermline, Fife
KY11 8US
www.kenturope.com

