



Advanced Plastic Repair White – 5 min

A Universal 2K polyurethane adhesive suitable for the body shop industry. A longer open time gives improved adhesion without the need for primers.



Part N°: 85475

Application Method

The Kent Advanced Plastic Repair 5 MIN (APRW5) cartridge contains two liquid urethanes, which when mixed together will create a very strong plastic adhesive and filler.

APRW5 has been formulated for the repair of most types of plastics, including repairing of splits, or replacing missing pieces in all damaged plastics such as Bumpers, Grilles, Door Mirrors, Spoilers, Skirts Headlamp casings, Fan shrouds and ducting.

A longer open times gives an improved adhesion without the need for a primer.

Features

- Universal adhesive
- Does not require a primer
- 50ml cartridges allow two average-sized repairs.
- Cures within 15-20 minutes (Full structural prop. in 1 hour).
- Can be over painted once cured using any standard paint system.
- Works over wide temperature range.

Benefits

- One adhesive for all types of plastic
- Easy to use and saves time
- Cost effective repairs.
- Allows quick through put in workshop.
- Compatible with all paint systems
- Can be used in all conditions.

Instructions for use

1. Apply Kent Plastic Cleaner II to repair area to ensure any contaminants are removed. Dry naturally or dab off with a clean cloth
2. Carefully groove the sides of the damaged area to a 30-40° angle,
3. Using 80 grit wet/dry disc sand the surrounding 3-4cm of the front and rear of the repair.
4. Re-clean both front and rear of repair with Plastic Cleaner II, wipe off excess with clean cloth and allow to dry.
5. Cut Kent Backing Film to cover length of repair and overlap by at least 4cm.
6. Fit Kent Mixer tip to the cartridge, extrude and dispose of first 2-3cm of product, then apply a ball/bead of APRW5 onto the centre of the Backing Film sufficient to cover rear of repair to depth of at least 3-4mm. Subsequent layers can be built up by extruding extra material onto the current repair. Good Adhesion between layers will be obtained providing the layers are not contaminated with oil, grease or release agent deposits.
7. Within 5 minutes apply film with uniform pressure to spread product evenly over rear of repair so product extrudes through the front of repair area.
8. Within 5 minutes and with the tip of the mixer submerged in the product to avoid air pockets, apply surplus APRW5 to the front of the repair.
9. Carefully roll Backing Film onto product on front of repair to create even covering of product to depth of 3-4mm.
10. At 20-25° C, after 15-20 minutes the backing films can be removed and the repair area sanded to a smooth finish.

Avoid excessive Speed, care must be taken not to overheat the plastic.

Removal of APRW5 – uncured material may be removed from tools and equipment with a suitable cleaner (ABS). Once cured the adhesive must be removed mechanically.



Applications:

- For automotive for repair broken translucent or white plastic parts e.g. screen washer buckets and headlight housings.
- For industrial in general for repair sporting goods and for filling holes and bonding tears e.g. in jet-skis and surfboards.
- APRW5 fills holes, tears and joints in metal, wood, stone, concrete and glass & window metal frame manufacturing for bonding corner angles

Technical Information

Part number:	85475	Shore D Hardness (ISO 868)	80 approx
Description:	Advanced Plastic Repair 5 MIN WHITE	Tensile strength (ISO 527)	32N/mm ² approx.
Stock code:	APRW5	Elongation at break (ISO 527)	25% approx.
Shelf life:	15 mths from manufacturing (Store below 25°C)	Tensile shear strength (ISO 4587)	25N/mm ² approx
Customs Tariff code:	35061000	Polyol SG	1.07g/ml
Selling Unit:	single unit	Isocyanate SG	1.18g/ml
Consistency	liquid paste	Cured SG	1.20g/ml
Colour	White	VOC:	Part A 2.16g/l
Open time:	5 min approx. (23°C, 50%RH)	Application temp:	15-30°C
Grindable after:	20 mins approx. (23°C, 50%RH)	Service temp	-36 to 120°C



SDS available on www.kenturope.com

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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

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