



Rigid Plastics

A 2K polyurethane plastic repair adhesive for rigid plastic repair in a dual cartridge for 1:1 mixing.



Features

- Solvent free
- 50ml cartridges allow two average-sized repairs.
- Cures within 10 minutes (fully cured in 4 hours).
- Can be over painted once cured using any standard paint system.
- Works over wide temperature range.
- Becomes as flexible and resistant as bumper.
- Will not “pop-out” of repair even when subject to extreme stresses
- Sands well produces smooth finish.

Benefits

- Reduces solvent purchase levels.
- Easy to charge product to the repair.
- Allows quick through put in workshop.
- Compatible with all paint systems
- Can be used at all times
- Gives a permanent repair
- No re-works
- Invisible repair

Part N°:

84001

S/C

(PRRII)

Packaging

50ml dual cartridge

Application Method

- The Kent PRR cartridge contains two liquid urethanes, which when mixed together will create a very strong plastic adhesive and filler.
- PRR has been formulated for the repair of all types of rigid automotive 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.
- It can also be used as a two-pack fast cure adhesive for bonding together broken plastics such as lugs and mounting brackets.

Instructions for use

1. Identify the type of plastic to confirm the suitability of PRR for the repair
2. Apply Kent Plastic Cleaner to repair area to ensure any contaminants are removed. Dry naturally or dab off with a clean cloth
3. Carefully groove the sides of the damaged area to a 30-40° angle.
4. Using 80 grit wet/dry disc sand the surrounding 3-4cm of the front and rear of the repair.
5. Re-clean both front and rear of repair with Plastic Cleaner, wipe off excess with clean cloth and allow to dry.
6. Apply Kent Plastic Primer on and around both sides of the repair and allow to dry.
7. Cut Kent Backing Film to cover length of repair and overlap by at least 4cm.
8. Equalise new cartridge before use. Fit Kent Mixer tip to the cartridge and apply a ball of Kent PRR onto the centre of the Backing Film sufficient to cover rear of repair to depth of at least 3-4mm.
9. Within 60 seconds apply film with uniform pressure to spread product evenly over rear of repair so product extrudes through the front of repair area.
10. Within one minute and with the tip of the mixer submerged in the product to avoid air pockets, apply surplus Kent PRR to the front of the repair.
11. Carefully roll Backing Film onto product on front of repair to create even covering of product to depth of 3-4mm.
12. At 20-25° C, after 10 minutes the Backing Films can be removed and the repair area sanded to a smooth finish. Avoid excessive speed.



Technical Information

Part N°:	84001	Appearance / Colour:	Black paste (mixed)
Size:	50ml cartridge	Work Life:	1 minute (10g @ 20°C)
Accessories:	Mixer Tip – green Quadro x 2	Bonding time:	5 minutes (10g @ 20°C)
Consistency:	Liquid paste	Full Cure time:	240 minutes (10g @ 20°C)
Storage Life:	15 months	Tensile Strength (ISO 527):	23 N/mm ²
Tariff Code:	3506 10 00	Elongation (ISO 527):	15% approx.
Shore D Hardness :	80 approx. (ISO 868)	Resistivity:	$1.2 \times 10^{15} \Omega \text{cm}$
Chemical Resistance @ 3 months immersion:		Viscosity (mixed product):	50,000 mPas
Sulphuric acid 24% (battery acid):	Good	Cured Specific Gravity:	1.12 g/ml
Hydrochloric acid 37%:	Fair/Good	Service temp, continuous:	-30°C to + 100°C
Diesel fuel:	Good	Application temp:	+ 10°C to + 30°C
Petrol:	Fair/Good		



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