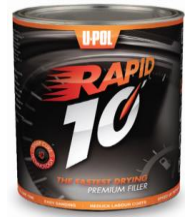


U-POL[®] RAPID 10'

Fast Curing Body Filler with Snap Cure Technology™



TECHNICAL DATA SHEET & PROCESS GUIDE

RAPID 10' Body Filler is a specially formulated body filler for use in today's modern body shops. Engineered for use on most automotive substrates including aluminium, galvanised and rigid plastics. RAPID 10' boasts a 10 minute cure time due to U-POL's innovative Snap Cure Technology™.

- Excellent filling properties.
- Speeds up the repair process and reduces labour time with its Snap Cure Technology™.
- Creates a strong bond to most automotive substrates.
- Smooth application and finish.
- Very easy to sand.

Typical Use Ideal for filling small to medium depth repairs over large areas.

TECHNICAL DATA



Substrates

- Bare Steel
- Original Paint Surfaces
- SMC
- Aluminium
- Fibreglass
- Galvanised Steel
- Most Plastics

Appearance

Grey thixotropic paste

Mixing Ratio

2% by weight for temperatures below 25°C

1% by weight for temperatures 25°C and above

Viscosity 20°C

130,000 cP

Adhesion

On mild steel, P80 grit 500-550 N/cm²

Hardness

45-60 Shore "D" @ 1 hour 55-70 Shore "D" @ 24 hours

APPLICATION GUIDE



Tools Required

- Onion Board™
- U-POL Applicator
- SYSTEM 20™ Degreaser
- MAXIMUM Abrasives
- S2004/AL Guide Coat
- MAXIMUM Premium Masks
- MAXIMUM Painters Overalls



Surface Preparation

For best results, good preparation is essential. Clean & degrease removing dirt, oil, grease and wax with a cleaning solution such as SYSTEM 20 degreaser.

Bare steel - abrade with abrasive P80 paper.

Aluminium/Galvanised - abrade with abrasive P180 paper.

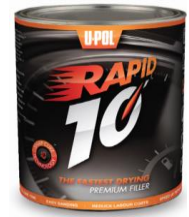
Original Paint Surface - abrade with abrasive P180 paper.

Fibreglass - abrade with abrasive P80 paper.

Most Plastics - abrade with P180 paper.

SMC - abrade with P120

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Application

***Standard activation ratio is 2% by weight.**

Add 2 parts hardener to 100 parts filler by weight.

Mix by above ratio onto the Onion Board. Mix thoroughly & apply to the repair area with the U-POL Applicator covering all imperfections to required thickness. Apply in layers, using firm pressure to reduce air pockets and pinholes. Allow to cure thoroughly.

*If using in temperatures 25°C or above, use a 1% mix ratio.

The exact mixing ratio is not critical, although over or under catalyzation may affect the gel time. Do not greatly over catalyze the paste as this will not significantly speed up the gel time and could lead to bleed through and bleaching problems when over-painting later. Staining may also occur where too little hardener is used.



Gel Time

5-6 minutes @ 20°C

Sanding Time

Dry to Sand Air/min.

10 minutes



Sanding

Sand body filler with P80 grit sandpaper.

If necessary, reapply filler to fill any pinholes or low spots, allow filler to dry and then sand with P80 grit sandpaper. Use S2004 Guide Coat to aid elimination of high and low spots. Finish sanding body filler with P220 grit. Sand bare metal and featheredge with P240 grit to remove straight line scratches.



Over Painting

RAPID 10' polyester filler has been formulated to provide the perfect surface for most modern paint systems. We recommend a final application of a U-POL Finishing Filler such as DOLPHIN GLAZE where needed, followed by SYSTEM 20 Primer to achieve the perfect surface for the colour of your choice.

STORAGE & VOC INFORMATION



Shelf Life

2 years from date of manufacture in sealed original container.

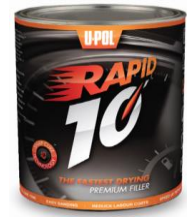
Recommended Storage Temperature

+5°C - +25°C

Recommended Application Temperature

15°C - 30°C

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VOC Information

The EU limit for this product (product category: IIBb) in ready to use form is 250g/litre. The VOC content of this product as received is 195 g/litre. The VOC content of this product in ready to use form is <100 g/litre.

Order Code	Format	Colour
RAPID10'	3L Tin	Grey

IMPORTANT: FOR PROFESSIONAL USE ONLY. Read full instructions before use.

This product contains hazardous materials and therefore appropriate personal protective equipment should always be used. Please refer to the label and consult the safety data sheet for full handling instructions and personal protection information. U-POL disclaims any liability where the user does not wear the recommended personal protective equipment. The above data is for information only and may change without prior notice. It is the Buyers responsibility to ensure the suitability of the products for their own use and check the information is up to date. The recommendation of use of our products and application in our technical data sheets are based on our knowledge and experience. These data sheets are available via your local stockist or via the U-POL website at WWW.U-POL.COM. U-POL is not responsible for the results obtained by others over whose methods we have no control and thereof U-POL is not liable for consequential or incidental damages including loss of profits.

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