

Brown Brothers Distribution Ltd

PO Box 162, Needham Road, Stowmarket IP14 2ZR

Tel : 01449 778 333 Fax : 01449 773 472

Technical Data Sheet: Affinity Plastic Filler

Product Name	: Affinity Plastic Filler
Product Code	: BDPBAPF0600
Revision Date	: 01/01/2016
Revision Number	: 1

Company	: Brown Brothers Distribution Limited
Address	: PO Box 162 Needham Road Stowmarket IP14 2ZR
Telephone	: 0044 (0) 1449 778333
Fax	: 0044 (0) 1449 773472
Email	: enquiries@brownbrothers.com

DESCRIPTION

Affinity Plastic Filler is a high quality flexible two part polyester filler designed for professional use during the repair of surface imperfections. Excellent adhesion can be achieved on all common automotive plastics. It exhibits fast cure and sanding properties leaving a finish ready for most proprietary paint systems.

SUBSTRATES

- Most common automotive thermoplastics e.g. Bumpers etc.
- All thermosets including sheet moulded compounds (SMC)
- (Not to be applied over Etch Primer, 1K fillers and TPA coatings).

PREPARATION

- Thoroughly clean and degrease repair area.
- Abrade with P120 grit paper for surfaces.
- Remove all traces of dust
- Re-clean/degrease and allow repair area to dry.

APPLICATION

Mix an appropriate amount of Affinity Plastic Filler for the repair that can be used within 5 minutes. Mix ratio of between 2% and 3% dependant on ambient temperature. Always mix product until a uniform colour of paste is achieved using a "figure of eight" technique and not a "folding" technique as this will reduce the effects of air entrapment. For best results firm uniformed pressure should be applied using either a plastic or metal spreader. Careful attention needs to be paid to the amount of hardener used as too much or too little may lead to defects in the finished repair (e.g. Bleeding, bleaching, staining etc.).

DRYING/CURE TIME

- (Air Dry): Typical gel time is approximately 5-6 minutes at 20°C and is fully cured and sandable after approximately 20 minutes at 20°C.

FINISHING

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Once the Affinity Plastic Filler has cured initial sanding can take place with a P80 grit paper followed progressively with finer paper until the required finish is obtained, alternatively an additional application maybe required. When this is completed the repaired area can be over painted with all proprietary paint systems providing appropriate preparation has been carried out. Always follow manufacturers' guidelines.

HEALTH AND SAFETY

FOR PROFESSIONAL USE ONLY: Read instructions before use.

IMPORTANT: This product contains hazardous materials and therefore appropriate personal protection equipment should be worn at all times during the use of this product. Please refer to package label and appropriate Material safety Data Sheet (MSDS) for full handling instructions and personal protection information. These details are available from your local stockist or alternatively via our website (www.brownbrothers.com) under our download section.

V.O.C COMPLIANCY

This product complies with the EU Directive 2004/42/CE under category 11B (b), with a limit of 250g/litre. The V.O.C content of this product in ready for use format is 100g/litre.

COLOUR

Black

DENSITY

Specific Gravity of approximately 1.8

SHELF LIFE

- Polyester materials have a limited shelf life
- Store in a cool place and ideally use within 12 months
- Shelf life is 2 years in unopened original packaging

HINTS AND TIPS

This product has a maximum shelf life of 2 years from date of manufacture unopened, always store in cool dry conditions. Avoid mixing on dirty, contaminated or absorbent surfaces (e.g. Cardboard). Always reseal after use to prevent contamination or drying out, avoid excessive film build (recommended thickness per coat of 2/3mm). Allow to cure fully for best sanding results.

DISCLAIMER

Brown Brothers Distribution Ltd will not accept any and all liability for misuse of product or where the user does not wear the recommended personal protective equipment when in contact or using aforementioned product. This data sheet is liable to change at any time without notice.

This data sheet is compiled to be of assistance but without guarantee. Users are responsible for safe working practices. Final determination of suitability of any material is the sole responsibility of the user.