



OPT.PMFX3000

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Optima Premium Medium Filler – Next Generation Technical Data Sheet

PRODUCT DESCRIPTION

Premium Medium Filler – Next Generation

Premium Ultra Lightweight Medium filler is a high quality ultra-lightweight 'One stop process' two-part polyester filler designed for professional use during the repair of surface damage and imperfections. Excellent adhesion can be achieved on all common substrates and it also exhibits fast cure and sanding properties leaving a great finish. Premium ultra lightweight filler also has the ability to medium fill through to deep fill where required.

SUBSTRATES

- Bare Steel
- Aluminum
- Galvanised Steel
- GRP
- E-Coat
- Not to be used over Etch Primer, 1K Fillers and TPA coatings

SURFACE PREPERATION

- Clean, degrease and allow to dry, before and after surface preparation.
- Bare Steel – Degrease and abrade with P80 grit paper
- Aluminium – Degrease and abrade with P180 grit paper
- Galvanised Steel – Degrease and abrade with P180 grit paper
- GRP – Degrease with a water based degreaser and abrade with P180 grit paper
- Where appropriate remove all traces of corrosion

APPLICATION

- Mix an appropriate amount of medium filler for the repair that can be used within 4-5 minutes
- Use a dedicated mixing board like the 'Optima' Mixing board so as to not cross contaminate the bodyfiller
- Cardboard is not recommended due to cross contamination
- Mix ratio of approx. 2% hardener by weight to the medium bodyfiller
- In colder climates a maximum of 3% by weight
- In warmer conditions a minimum of 1% must be added allowing more open workable time

- Always mix the products together until a uniformed colour paste is achieved using a "figure of eight" technique as this will reduce the air inclusion thus reducing pin-holes
- Always best practice to wet out damaged area with a wipe in wipe out process for good chemical adhesion.
- Apply in layers, using firm pressure to reduce air pockets.
- Recommended application temperature: 15°C - 30°C
- Allow to fully cure before sanding.

DRYING

- Working time: 5-6 minutes @ 20°C
- Ready to sand: 15-20 minutes @ 20°C
- IR Distance: Use a distance of 80cm
- IR Time: 5 Minutes at 80°C

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SANDING - FINISHING

Once the Ultra lightweight Medium filler has cured fully initial sanding can take place with a P80 grit paper followed with progressively finer grades of paper until the required finish is obtained, a minimum recommendation would be P180 in the panelshop.

Dry Powder Guide coat is recommended for aiding high and low spots as well as imperfections.

It's always best practice to use with 'Dust Extracted' sanding blocks of the appropriate size to the repair being processed. Sometimes an additional application of Ultra lightweight Medium filler will be required, always ensure the prepared surface is clean for repeated applications.

Premium Stoppers or Finishing Glazes can be used over the Ultra lightweight Medium filler for a fine finish if preferred however the Ultra lightweight Medium filler is designed to be used as a one stop filler process.

When the process is completed the repaired area can be over painted with all proprietary paint systems providing appropriate preparation has been carried out to the proprietary paint companies' recommendations.

Always follow paint manufacturer's guidelines.

PPE

Always wear appropriate PPE in line with your Risk assessment & COSHH assessment policy for using this product

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.
- 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.
- When sweeping/brushing up sanded down body filler dust it is best practice to damp the filler dust with water to reduce a fire risk.
- When disposing of un-used activated body filler allow to fully cure and go cold before disposing of in your waste facility.

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. (As indicated on the tin).

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 5/6mm). Allow to cure fully for best sanding results.

DISCLAIMER

All statements, technical information and recommendations are based on tests we believe to be reliable but the accuracy or completeness thereof is not guaranteed. Please ensure before using our product that it is suitable for your intended use. All questions of reliability relating to this product are governed by the Terms of Sale subject, where applicable, to the prevailing law.



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