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# Optima Premium Deep Filler – Next Generation

## Technical Data Sheet

### PRODUCT DESCRIPTION

Premium Lightweight Deep Bodyfiller is a high quality 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 quick cure and sanding properties leaving a great finish.

### 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 deep 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

### SANDING - FINISHING

- Once the Premium Lightweight Deep bodyfiller 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 Premium Lightweight Deep filler will be required, always ensure the prepared surface is clean for repeated applications.
- Premium Stoppers or Finishing Glazes can be used over the Premium Lightweight Deep filler for a fine finish.
- 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

### 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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