



High Density Performance Filler

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Heavy duty exterior filler



HIGH DENSITY PERFORMANCE FILLER is a heavy-duty water-based filler formulated for abrasion & impact resistance, and longer-lasting moisture resistance in exterior applications.

Quick facts:

- Density 1.5g ± 0.1g / cm³
- Solid content ≥ 75%
- Curing time 4h at 20°C
- Application temperature range 5°C to 40°C
- Service temperature range -10°C to 70°C

Product Features:

- Excellent adhesion to most building materials.
- Tools clean-up in water.
- Easy sanding and fairing.
- Non-slumping and non-shrinking.
- Can be overcoated with water & oil-based paints.
- Non-toxic and low VOC.
- Single component.
- Reduced flashing.

Uses:

Suitable for filling holes in timber and a variety of other interior or exterior substrates where a harder, flash resistant, moisture resistant filler is required.

Notes:

High Density Performance Filler is intended as a higher quality option where reduced flashing and finer fairing is required under glossy topcoats. It has greater hardness and impact resistance than Medium Density Wood Filler and is recommended for use in areas of regular abrasion or wear and tear.

Preparation:

- **Timber:** Ensure gaps are clean and dry. Filler will adhere well to bare timber, but pre-priming of timber is recommended where moisture ingress may be a concern.
- **Metals:** Degrease surfaces if necessary. Use an abrasive cleaning method such as blasting, sanding, grinding, wire brushing, etching etc to provide a clean bright surface. Prime with metal etch primer.
- **Fibreglass & GRP:** Degrease and cross hatch sand with 60-100 grit paper. Polyester must be fully cured. Take special care to remove any surface wax. Remove sanding dust. Prime with etch primer.
- **Particleboard & MDF:** Prepare as per timber.

- **Fibre cement boards & panels:** Ensure gaps are clean and dry. Take extra care to remove dust so that the filler can adhere to solid substrate. Where cohesion of the substrate is a concern pre-priming the gaps with a specialized fibre cement sealer is recommended.

Application:

Apply product directly from the pot to the prepared substrate using a flat filling blade. Overfill slightly to allow for sanding and fairing. Wait for full cure before sanding. Apply primer and 2 topcoats of quality acrylic or oil-based paint at a minimum dry film build of 25 microns per coat.

Limitations and Recommendations:

- **Humidity and rain.** Product remains water soluble until cured and will not perform well under humid or wet conditions. Once cured the product will resist minimal amounts moisture ingress but should be sealed with a quality paint system as soon as practicable. Application under 6 degrees is not recommended.
- **Substrate temperature must be considered.** Even when the atmosphere is warm, the substrate may remain cold, particularly in shaded areas. Cold substrates will extend cure time or may halt it altogether.
- **May not be suitable for use with paint colours darker than LRV45%. Check** the substrate manufacturers specification before deciding on colours. As a rule, colours darker than LRV45% are not recommended on timber substrates. Substrates painted with colours darker than the substrate's recommended LRV limit may warp or expand, causing distortion or popping of the filler.
- **Wait until fully cured before painting.** Wet paint will soften or dissolve the product prior to full cure.

Precautions:

- Do not store in direct sunlight or near other sources of heat.
- Rinse eyes with water and wash skin with soap and water.
- Ensure adequate ventilation and use a respirator and safety glasses when sanding. Do not breath sanding dust.
- Keep out of reach of children.

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Ph 0274 783 001
Email sales@onlinepaints.co.nz
Web www.onlinepaints.co.nz