



High Density Performance Filler

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:

- Curing time 4h at 20°C
- Application temperature range 5°C to 40°C
- Service temperature range -10°C to 70°C
- Density 1.5g ± 0.1g / cm³
- Solid content ≥ 75%
- Tools clean-up in water.
- Easy sanding and fairing.
- Non-slumping and non-shrinking.
- Paint with water & oil-based paints.
- Reduced flashing.

Uses:

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

Substrate Preparation:

- **General guidelines for all substrate types:**
 1. Ensure substrates and holes are clean and moisture free.
 2. Where friability of the substrate or egress of contaminants from the substrate is a concern, prime the holes prior to application of UltraPoxy with a specialized penetrating binding sealer.
 3. Prime textured surfaces prior to application of UltraPoxy to help minimize unintentional filling of texture around the holes.
- **Timber, Particleboard & MDF:** Where moisture ingress or efficacy of timber treatments is a concern pre-priming inside the holes with a specialized wood primer offers increased protection against timber decay, contaminant leaching, and corrosion of fixings.
- **Fibre cement boards & panels:** Where moisture ingress is a concern pre-priming inside the holes with a specialized penetrating sealer offers increased protection against permeability, contaminant leaching, and corrosion of fixings.
- **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.
- **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.

These guidelines are generic in nature and are to be read in conjunction with and are in no way intended to replace or amend substrate manufacturers guidelines but are intended for the sole purpose of achieving optimal performance of Boss Fillers products. Online Paints accepts no responsibility for any failure resulting from any deviation from substrate manufacturers recommendations.

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.

Painting:

After sanding check that any pre-applied primers have not been removed and reapply if necessary. Apply a quality paint system appropriate to the substrate as per the paint manufacturers specifications.

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.
- **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. Application under 6 degrees is not recommended.
- **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.

Disclaimer: This specification has been prepared in good faith and is based upon accumulative field experience and may be updated from time to time. In no way will Online Paints Ltd accept responsibility for poor performance or failures of its products due to any negligence, incorrect application or poor trade practice; nor of any substrate or paint system used in conjunction with its products. Online Paints Ltd recommends testing of its products before use to determine suitability and will not be held accountable beyond the value of the product purchase price for any failure or loss arising from incorrect or untested use of its products. **Application of products constitutes acceptance of responsibility by the user.**

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