



## Medium Density Wood Filler

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## Medium Density Wood Filler

### General purpose interior / exterior filling compound



**MEDIUM DENSITY WOOD FILLER** is an all-purpose premium filler designed primarily for filling of defects and nail holes in timber substrates. Formulated for smooth application and easy sanding.

#### Quick facts:

- Density : 1.45g/cm<sup>3</sup>
- Solid Content : 77% by weight
- Curing time 1 hour at 20°
- Application temperature range 5°C to 40°C

#### Product Features:

- Very smooth consistency – easy to spread and apply.
- Water based.
- Available in 250ml, 500ml, 1ltr, and 4ltr.
- Interior and exterior applications.
- Can be painted with acrylics or oil-based paint systems.
- Will not shrink – expands slightly as it cures.
- Easy sanding and fairing.

#### Uses:

**Medium Density Wood Filler** has been primarily designed for filling nail holes, cracks and joints on interior timber architraves and frames. Can also be used on a variety of other exterior substrates including fibre cement, primed plastics, primed fibreglass, and primed metals.

#### Notes:

This filler is not suitable for use in areas of permanent or regular standing water. Must be sealed with a quality paint system in outdoor environments as soon as practicable to ensure minimal moisture ingress. **See limitations below.**

#### Preparation:

- **Timber, Particleboard & MDF:** Ensure holes are clean and dry. In interior applications Medium Density Wood Filler can be applied directly into the hole. In exterior applications where efficacy of timber treatments is a concern, pre-priming inside nail holes with an oil-based wood primer offers increased protection against timber decay and can be very advantageous in humid environments.
- **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 an appropriate metal primer and check for adhesion before applying filler.
- **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 appropriate primer and check for adhesion before applying filler.

- **Fibre cement boards & panels:** Ensure holes 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 nail holes with a specialized fibre cement sealer is recommended.

#### Application:

Remove a small quantity from the pot and replace the lid quickly. Ensure an airtight seal is maintained when not in use. Blending with a very small quantity of water from time to time can be advantageous on hot days or when applying over highly absorbent substrates, but excessive water content will result in a slower cure and lower physical strengths. Apply immediately to the clean, prepared substrate. In deeper cavities apply filler in layers of up to 6mm thick and allow to harden before applying successive layers. Wait for full cure before sanding. Apply primer and 2 topcoats of quality acrylic or oil-based paints 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 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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