

MTCE WASH +

Heavy duty timber washing powder · preparation for bare timber

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1. Description

Dekloc MTCE Wash+ is a powdered preparation wash for new and weathered bare timber. It removes mill glaze, machine oils, handling grime and surface contamination so that finishes, oils and mineral treatments absorb evenly across the board.

Dekloc is a commercial decking system with a twenty year history. It is built from certified, naturally durable hardwood, uniquely detailed and customised for off site manufacture by licensed partner manufacturers, and delivered as a panelised system rather than as loose boards fixed in place. It is specified on resort, hospitality and public projects across the region, and is currently in production for a resort project under construction in Belize.

These preparation products come from that system. They exist because the same questions arose on every project: how the timber is cleaned before it is finished, how a weathered surface is brought back without sanding it away, and how both are done by a crew working at height on an island rather than in a workshop.

Behind the system sits thirty years of commercial timber delivery. Venturer has been building and delivering large timber packages for resorts, hospitality and public projects across South East Asia, the Maldives and the Caribbean since the mid nineties, and the recurring problem on every one of them is the same: timber that has been machined, handled, stacked and shipped does not accept a finish evenly. The traditional answer is sanding, which costs labour, costs access, removes material that cannot be put back, and can only be done a limited number of times in a building's life.

This range is the culmination of that experience. It is designed to get the best aesthetic result out of the timber while minimising labour and abrasive processes on site.

Supplied as a concentrated powder. Water is added on site, so a single 4.2 kg pail replaces roughly fifty litres of shipped liquid for the same coverage. On an island project that is the difference between a pallet and a parcel.

2. Composition

A proprietary blend of organic cleaning compounds, pH buffers and non solvent surfactants, with a chelating agent for use in hard and brackish water. Formulated for tropical and marine exposure.

Free from bleach, VOCs and corrosives. Full hazardous component disclosure is given in the safety data sheet.

3. Typical properties

Property	Value
Physical form	Free flowing white powder

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Solubility	Fully soluble in water at the stated dilution
Working solution	Acidic
Odour	Negligible
Colour of solution	Clear to slightly opalescent
Foam	Moderate, breaks down on rinsing

4. Substrate suitability

Suitable	Not suitable
New, bare, mill finished timber	Coated, varnished or painted surfaces
Weathered, bare, uncoated timber	Oiled surfaces, unless fully stripped first
Hardwood, softwood and thermally modified timber	Silicate treated timber, including Patina+
Timber to be finished, oiled or mineral treated	Any surface with a film forming coating in place

For bare, uncoated timber only. Where a coating, oil or treatment is present it must be removed mechanically before use.

5. Directions

- Dilute the entire contents into 10 to 12 litres of clean water per kilogram. Stir until fully dissolved and the solution runs clear.
- Wet the surface with clean water before application.
- Apply using a soft brush, mop or sprayer at approximately 240 ml per square metre.
- Dwell time 5 to 10 minutes. Do not allow the solution to dry on the surface. On sunlit or windy elevations work in smaller sections.
- Agitate with a medium soft brush, working along the grain.
- Rinse thoroughly with clean water until run off is clear.
- Allow the timber to dry fully before applying any finish or treatment. Typically 24 to 48 hours depending on conditions.

6. Coverage

Pack	Makes	Covers	Basis
800 g evaluation pot	8 to 9.6 litres	33 to 40 m ²	At 240 ml per m ²
4.2 kg pail	42 to 50.4 litres	175 to 210 m ²	At 240 ml per m ²
Per kilogram	10 to 12 litres	42 to 50 m ²	Stronger at 10 L, weaker at 12 L

Coverage figures are calculated from the stated dilution and application rate. Actual consumption varies with timber species, surface texture, absorbency and degree of soiling. Confirm on a trial area before ordering for a full project.

7. Storage and handling

- Store in the original sealed container in a dry place. The powder is hygroscopic and will cake if exposed to humidity.
- Do not store with, or apply in sequence with, alkaline products including mineral silicate treatments, without a full rinse and dry between.
- Do not mix with other cleaning products.
- Protect adjacent aluminium, zinc, galvanised steel, polished stone and glass. Wipe spills immediately with a wet cloth.
- Not suitable for use with plain steel or galvanised fixings.
- Wear gloves and eye protection. Avoid breathing dust when handling the powder.

8. Limitations

Always test on a small inconspicuous area before general use. Results depend on the species, its condition and the degree of weathering. On tannin rich hardwoods the surface may lighten more than expected, and on very dense timbers a second application may be required.

The information given is based on our testing and experience and is offered in good faith. Because substrate condition, existing coatings, water quality, dilution, dwell time, mechanical action and rinsing are outside our control, no warranty is given as to results obtained. The user must satisfy themselves as to the suitability of the product for their purpose by trial on a small representative area. Nautilus Innovation accepts no liability for damage to existing surfaces, adjacent materials or finishes. Compliance with the safety data sheet is a condition of use.