

**DOLOMITI W DECKING**

Water-based protective finish for decking and wooden structures outdoors

**FEATURES**

Product suitable for painting systems of wooden artefacts outdoors. It ensures a uniform finish and provides high resistance to weathering and sunlight. Its high quality makes it possible to obtain an excellent level of finish while guaranteeing high protection for treated artefacts exposed to very severe weather conditions.

Dolomiti W Decking is formulated with special acrylic resins in aqueous dispersion, fungicides and pigments that penetrate deeply, nourishing and consolidating the wood; the product remains open-pored and breathable, with no detachment or flaking over time. Available in semi-transparent colours, it highlights the wood grain, enhancing its appearance.

The characteristics of elasticity, penetration, water impermeability and wear resistance ensure that the applied film remains unaffected by stresses due to dimensional changes in the substrate as climatic conditions change.

**COMPOSITION**

Product formulated with high-quality acrylic resins in water dispersion, lightfast transparent iron oxides and fungicides.

**PRODUCT PROPERTIES**

	VALUE	METHOD
WEATHERING RESISTANCE	EXCELLENT	
ELASTICITY	EXCELLENT	
GLOSS	MATT	
DRY RESIDUAL BY WEIGHT	24-28%	Internal PF25
DRYING	Overlapping 12h Complete 5 days	Internal PF2

**SPECIFICATIONS**

	VALUE	METHOD
SPECIFIC WEIGHT	1000-1100 g/l	Internal PF3

**STORAGE**

The product is stable 1 year if stored in the original containers at a temperature between +5°C and +30°C.

**COLOURS**

027 Walnut, 070 Colourless, 078 Oak, 080 Chestnut. It is recommended to check the colour with preliminary tests before application as the original colour of each type of wood produces a different final shade. The tint between one production run and the next may be slightly different, so it is necessary to finish a job with the same production run.

**APPLICATION**

It is suitable for the decoration and protection from weathering of new or maintained wooden substrates of different species, such as fences, wooden balcony railings, matchboards, flower boxes, gazebos, beams and window frames. Ideal for varnishing wooden floors outdoors (decking). If the product has been stored at low temperatures, we recommend bringing it to at least +15 °C before application.

During the application and drying time, it is essential that the temperature is above +15°C and the air humidity below 65%; it is also important that the room is ventilated to promote water evaporation.

Please note that greater thicknesses of product applied than indicated or different environmental conditions may cause the drying time to be longer.

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**TOOLS**

Brush, roller.

**DILUTION**

Ready to use

**YIELD**

18-20 m<sup>2</sup> /l per layer depending on substrate absorption

**APPLICATION TEMPERATURE**

+15°C +30°C

**PAINTING SYSTEM**

**New construction of various wood species including those with very evident and deep pores such as iroko, meranti mahogany, marine plywood**

1. Sand the wood with 220-250 grit paper.
2. Apply a layer of *Dolomiti W Decking*.
3. If the first layer is absorbed well, evenly and without haloing, then a second layer of *Dolomiti W Decking* can be applied, taking special care not to exceed the quantity in order not to lengthen the drying time.

**Highly exposed wooden artefacts such as fences, matchboards, gazebos, trusses**

4. Sand the wood with 220-250 grit paper.
5. Apply a layer of *Dolomiti W Decking*.
6. After 12 hours, check if the product is well absorbed and then proceed with the application of a second layer of *Dolomiti W Decking*.

**Exterior wood flooring (Decking)**

7. Sand the wood with 220-250 grit paper.
8. Apply a layer of *Dolomiti W Decking*.
9. After 12 hours, apply a second layer of *Dolomiti W Decking*.  
Exotic woods, having fatty components such as resins and essential oils, may have longer drying times depending on the essence, in which case assess the absorption of the first coat before applying the second, always respecting the indicated quantities.

**Maintenance**

- 1M. Thoroughly clean the surface from dirt, dust and loose material, then sand with 240-280 grit paper;
- 2M. Then apply 1 layer of *Dolomiti W Decking*.

Where cracks are present due to growth and shrinkage movements of the wood, they must be sealed with suitable products (acrylic sealants) before being painted.

**SPECIFICATION ITEM**

Impregnating-finishing agent based on special acrylic resins in aqueous dispersion for wood, mould-resistant, pigmented with transparent iron oxides, additivated with fungicides, with 26% solid residue, used for the protection of wooden artefacts subjected to high atmospheric stress, with an average consumption of 50 ml/m<sup>2</sup> per layer.

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### **WARNINGS**

In order to carry out the work in a workmanlike manner, it is essential to follow the surface preparation instructions contained in the CAP Arreghini book. The specification data were determined at +23°C with 65% relative room humidity. Under different conditions, the data and times between operations vary. The technical information contained herein is indicative only. Due to the enormous variety of substrates and application conditions, it is advisable to check the suitability of the product for use and its effectiveness through tests carried out on the specific application.