

Construction Resources



AQUAMARIJN TECHNICAL SHEET A15

EDELIN WOOD FINISH (Water based)

Uses *Aquamarijn Edelin* is a water-soluble stain, which provides both a protective coat and a decorative finish for all new and stripped interior and exterior woodwork where a transparent, weatherproof finish is required. It is ideally suited for doors, doorframes, window frames, timber sheds, garden fences etc. However it is not recommended for tabletops or floors.

Properties Uses Disperlin®, Aquamarijn's special water-soluble oil system. This results in *Edelin* being one of the cleanest decorative products available in terms of health and the environment as the ingredients are natural whilst the solvent is water. The use of linseed oil gives the coating its durable elasticity, while making the coating microporous, i.e. it allows the substrate to breathe, and provides UV protection from sunlight that extends the life and original look of the timber.

Containers 0.75, 2.5 and 10 litre tins.

Coverage 10 - 12m² per litre, depending on absorbency of surface.

Colours Clear (interior use only) Silver Grey Redwood Teak
Dark Oak Linen White Sapphire Blue Pine

VOC Level 0.02%

Preparation This finish can be applied to all timber surfaces provided the timber has been stripped down to the bare wood. All surfaces should be clean, dry, dust and grease free. On new work - moisture should not exceed 18%.

Some types of timber (Western Red Cedar), due to their chemical composition, can delay the drying process when used with water-based products, so much so that no drying may occur at all. In such cases treat the surface with a thin layer of 20 - 25% diluted Holzweg Lacquer first (acting as a knotting agent), then sand down and finish with two to three coats of *Edelin*.

If a lighter colour is desired other than is available, use the clear *Edelin* to 'water' down the existing colour. Do not dilute with water.

Note: 'Watering down' will reduce the u-v protection factor of the coating.

Application Apply using brush, roller or spray, 3 coats on new external timber (ideally 4 coats on south facing elevations), 2 coats will suffice on internal timber. Sand down lightly between each layer until the surface is matt. If, for any reason, you have to stop the work for short periods, leave all tools in the paint, do not rinse or store in water. As with most decorative and protective coatings apply each layer thinly.

Drying times Dust dry after 5 - 6 hours, touch dry after 10 - 12 hours. Allow approximately 48 hours between coats, assuming a temperature range of 25°C and humidity 60%. Note that cold, damp weather conditions can extend drying times, as can applying each coat too thick.

Cleaning up Water and soap can be used to clean brushes, rollers, etc. If necessary, balsamic turpentine can also be employed.

Storage Store in a cool but frost free area. Containers should be well sealed in a ventilated space.

Ingredients Disperlin ®, a binding agent made of pure natural oils, resins and modified oil emulsified in water. Natural earth pigments, water and synthetic preservatives approved by the BGA and FDA* for use in food.

*BGA, the German Federal Health office, FDA the US Food and Drugs Administration

Safety *Aquamarijn Edelin* is 95% biodegradable and non-inflammable. Avoid contact with eyes. Do not throw waste down the drains; always try to dispose of waste at a recognised disposal dump. Paints etc. should always be kept out of the reach of children and animals.

Categories All *Aquamarijn* products are divided into categories depending on the extent to which natural raw materials are used in the manufacturing process. Class 1 is 99% natural, class 2 is 95%, class 3 is 90% and class 4, of which there is only one product, is 70%. ***Aquamarijn Edelin* is class 2.**

Technical details	Binding agents	linseed oil and natural resins emulsified in water
	Thinner	water
	Transport code	ARD none
	Solids by volume	42 - 44 weight %, 41 - 43 vol. %
	Weight	0.95 - 1.05 kg/litre
	Viscosity	48 - 52 sec. DIN cup 4, at 18°C
	Gloss degree	very mild
	Elasticity	>7mm (Erichsen)

This technical information sheet is intended to provide guidelines for retailers and users. However, the user is responsible for testing the product on the intended surface to make sure that it is suitable for his or her requirements. This sheet was issued on July 1999 and may be superseded by later editions.

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