

# Construction Resources



## AQUAMARIJN TECHNICAL SHEET A6

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### LINAL 'ONE POT' SEMI-GLOSS

**Uses** *Aquamarijn Linal Semi- Gloss* is a professional oil paint suitable for both interior and exterior timber and pre treated metal.

**Properties** *Aquamarijn Linal* is a very practical paint which acts as primer, undercoat and topcoat in one, resulting in easier application. Microporous, though water resistant, it allows timber to breathe. Being linseed oil based and therefore more flexible, it has a low propensity to crack or flake, extending the life of the paint and therefore its substrate. It has excellent levelling properties resulting in a very high quality medium gloss finish.

**Colours** A range of 12 colours are available:

100 Black	328 Ox Blood Red
105 Yellow Ochre	335 Zaan Green
200 White	338 Amsterdam Green
201 Cream	345 Middle Blue
204 Sandstone	347 Azurine Blue
315 Yellow	
325 Signal Red	

Colour matching to a RAL colour is available on orders over 350 litres, subject to confirmation. Price may vary according to colour.

**Containers** 0.25 litre, 0.75 litre, 2.5 litres and 5 litres (white only).

**Coverage** 1 litre will cover 10 - 12 m<sup>2</sup> on a smooth timber surface of average absorbency.

**VOC Level** 17%

**Preparation** Existing paint surfaces should be clean, dust and grease free and rubbed down with sand paper to 'key' the surface. Iron and steel should be pre treated with a rust inhibiting primer.

**Application** Stir the contents well. On bare absorbent timber dilute the first coat with 20% *Holzweg Balsamic Turpentine oil*, and then apply one or two full coats. Each coat must be thoroughly dry before the next coat can be applied. On pre-painted timber or metal two coats will suffice. On external work extra durability is achieved by finishing with a coat of *Aquamarijn Toplin Gloss* or *Holzweg External Gloss*.

**Used With** *Aquamarijn Toplin Gloss; Holzweg External Gloss; Auro Metal Primer*

**Drying times** At 21°C with relative humidity at 65%, Linal is touch-dry after 10-12 hours and can be recoated after 24-48 hours. NB these times are severely extended by lower temperatures and/or higher humidity.

**Maintenance** *Aquamarijn Linal* requires repainting on average after three or four years. This can be seen by a certain loss of gloss in the finish. As a natural paint *Linal* does not contain fungicides; mould is to be avoided by cleaning exterior facades at least once a year with clean water. Cleaning dirt from the substrate removes the food for mould. For example; when cleaning window panes also clean the wooden frames with fresh water.  
Clean the substrate thoroughly with water. Sand down with fine sandpaper and repaint with *Aquamarijn Linal*.

**Storage** Store tightly sealed, in a cool but frost-free place. Can be stored for at least two years if unopened.

**Ingredients** Linseed oil, stand oil, soya lecithin, citrus oil, Cobalt-zirconium dryer, gum turpentine, bentonite paste. Depending on colour; natural earth pigment, ochre, umber, iron oxide, etc. and Titanium dioxide (recycled), (class 2) or synthetic organic pigments hansa yellow, helio blue etc. (class 3).

**Safety** This product is inflammable and easily ignited! While working do not smoke and use no naked flame. During and after application keep the room well ventilated. Remember ventilation also helps to speed the drying process. Always allow rags, soaked in paint to dry unfolded as they could self ignite.

#### **General precautionary measures**

Avoid contact with eyes, skin etc. Do not eat, drink or smoke during application. Keep out of the reach of children and animals. Do not dispose of waste down the drains: always try to dispose of waste at a recognised disposal dump. This product contains natural solvents and, like all other solvents, can be harmful when its vapours are released into the atmosphere.

#### **Technical details**

All *Aquamarijn* products are divided into four categories depending on degree of natural materials used in the manufacturing process. Class 1 is 99% natural, class 2 is 95%, class 3 is 90% and class 4 is 70%

***Aquamarijn Linal* is either class 2 or 3 depending on the pigments used.**

<b>Binding agent</b>	Linseed Oil - Stand Oil
<b>Thinner</b>	Pure gum turpentine and citrus thinner
<b>Transport code</b>	ARD none
<b>Danger code</b>	UN number 126.3
<b>Flash point</b>	35°C
<b>Solids by volume</b>	68 - 72 weight %, 53 - 57 vol.%
<b>Weight (approx.)</b>	1.15 - 1.25 kg/litre
<b>Viscosity</b>	750 -850 mPa.s., at 18°C
<b>Gloss degree</b>	Half gloss
<b>Elasticity</b>	>7mm (Erichsen)
<b>Remarks</b>	The above technical specifications are in relation to white and light pastel shades. With other colours important variations can occur.

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 August 1999 and may be superseded by later editions.