

2-379

VOLVOX proAqua Presto White Eggshell Technical Information Sheet October 2021

1. Description

Volvox proAqua Presto White Eggshell is a solvent free, water based, virtually non-drip, long lasting enamel paint, which can be used internally and externally. It offers a high degree of whiteness and excellent hiding power.

2. Container sizes

0.1 l	2-3791
0.75 l	2-3792
2.5 l	2-3793
10.0 l	2-3794

3. Coverage

Approximately 70-90 millilitres per square metre. One litre is enough for 11-14 square metres, depending on the formulation and the surface properties.

4. Colour

White

5. Thinner

Water. When painting: 5% (10% at most); when spraying: up to 30%.

6. Drying times

Depending on room temperature and relative humidity, the product will be normally dry enough not to hold dust after 15-30 minutes and ready to be painted over after 4-6 hours. Fully dry and ready to be sanded after 8-12 hours. The drying times much depend on the surrounding temperature and the air moisture.

7. Uses

Volvox proAqua Presto White Eggshell is a weather resistant enamel paint to be applied on wood both internally and externally. The product can be used for dimensionally stable wood (e.g. doors, windows) as well as for wood which is not of exact dimensions, such as timber facing, transoms, pergolas etc. Not suitable for wood in direct contact with the ground and for constructionally poor structures. For floors, stairs and similar surfaces exposed to high mechanical strain use Volvox proAqua Profondo Floor Sealer.

8. Properties

8.1 Technical properties

The product is easy to apply, including overhead, as it is virtually non-drip. It is weather resistant, has an excellent adhesiveness and dries quickly. The Eggshell has lightfast pigments and offers excellent breathability.

8.2 Biological properties

Volvox proAqua Presto White Eggshell is made without any chemical solvent from non-poisonous materials in an ecologically beneficial way preventing water pollution and avoiding the effects of static electricity. It does not contain any solvents or added VOCs. Thanks to its composition it is virtually innocuous for people and environment.

9. Application

Gel-like consistency – stir well before use.

9.1 Temperature

Apply the product in temperatures above 8 °C.

9.2 Preparation

Check the surface following VOB, part C, DIN 18363, par. 3.1., see BSF data sheets. The surface must be dry and absorbent. Wood needs to be sanded (K 100-150). Carefully remove old coats of paint which are not suitable to be painted over. Old coats, which are suitable to be painted over, must be sanded (K 120). Replace defective wood. Remove exceeding oil and resin from the wood. The wood moisture needs to be under 15% when painting softwood, and 12% for hardwood respectively.

Note

According to VOB it is mandatory to use a biocide wood primer on dimensionally stable exterior softwood.

Note

To prevent yellow discolourations wood containing water-soluble substances (e.g. oak, rubber tree, Australian types of wood) should be primed with two coats of proAqua Presto Isolating Primer (2-327), followed by 3 undiluted coats of proAqua Presto White Eggshell.

9.3 Application

Wooden surfaces should be primed with a first coat of Volvox proAqua Presto White Eggshell, diluted with 5-10% water. For interior use Volvox proAqua Presto Undercoat may serve as an alternative with more of a filling effect (see technical data sheet 2-377). If wood fibres should come up, the surface must be sanded after the priming coat (K 150-240, make sure the paint is fully dry). Non-wooden, interior surfaces (plastics, stainless metals, oil-based old paints etc.) need to be primed with Presto Undercoat; for exterior surfaces use proAqua Presto Tie-Coat Primer (see TDS 2-337!) instead. Afterwards apply two coats of undiluted White Eggshell on wood which is not of exact dimensions, on metal and on plastic surfaces. On dimensionally stable wood like doors and windows 2-3 coats are recommended. The finishing coats may be applied without intermediate sanding. However, to obtain a smoother surface sanding in between finishing coats is recommended, especially when building up a new coating (K 150-240, paint needs to be fully dry). Apply Volvox proAqua Presto White Eggshell thinly and evenly.

Note

Every year the surface should be checked and damage (if any) should be repaired immediately (maintenance contract).

Note

Volvox proAqua products are not suitable for use on plastics containing flexibilisers, e.g. sealants on windows and doors.

10. Tools

Brush, roller or a suitable spraying device (e.g. Airless or Aircoat, apply sparingly); for detailed spraying parameters see 10.1., page 3. Clean tools with soapy water.

Note

Do not use tools that previously were employed to apply solvent-based products.

11. Storage

Store containers tightly sealed in a cool but frost-free place. Shelf life: 1 year.

12. Ingredients

Water, titanium dioxide, silica, white glue, tensides, preservative (benzisothiazolinone).

Technical data:

Specific weight: about 1.21 g/cm³, viscosity: thixotropic.

13. Safety

Contains 1,2-Benzisothiazol-3(2H)-on. May produce an allergic reaction. Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist. Safety data sheet available on request. Make sure that the rooms are thoroughly ventilated during and after work. Keep coating materials, even if non-poisonous, out of the reach of children.

14. Disposal

Allow unused paint to dry and get rid of the leftovers according to the local rules in force.

15. VOC Directive

VOC-Content: 1,0 g/l

Category: d; Type: WB

EU limit value for this product: 130 g/l

Volvox proAqua Presto White Eggshell
10.1. Spraying parameters

	Nozzle diameter		Spraying angle	Pressure (bar)	Dilution	Viscosity *	Cross-coats
	Inch	mm					
Airless + Aircoat	0.011-0.015	0.28-0.38	40°-60°	ca. 150	ca. 10-20%	ca. 150-160 s	1
High pressure		1.5		ca. 3.5	ca, 10-20%	ca. 150-160 s	1 ½
Low pressure		1.3			ca. 20-30%	ca. 100 s	1 ½

* Measured in flowcup according to DIN 53211 with 4 mm nozzle and 20 °C. The dilution data provide an approximate reference point only. Exact data need to be obtained following DIN.

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