

HYDROTOP PRIMER

Insulating primer for tannin-rich wood

3053-a January 2016

Description

Product: HYDROTOP PRIMER is a water-based insulating primer with effective insulating properties against the substances in the wood.

Applications: as an intermediate coat for all types of indoor and outdoor wood. Not to be used in extremely damp indoors locations such as swimming pools, saunas etc. In the white colour it provides an adequate solution against yellowing or reddening of white/lacquered water-based top coats (good insulating performance), guaranteeing the surface a good aesthetic effect.

Colours: 00-colourless, 51-white.

Packaging: 5l - 25l in tins.

Technical data

Specific weight: about 1.02 kg/l (colourless) and about 1.33 kg/l. (white) at +20 °C

Flash point: >100 °C.

Viscosity: about 50 s/DIN 53211, 2 mm (colourless) and about 40 s/DIN 53211, 4 mm (white) at +20°C

Drying time: according to the type of wood, the quantity applied and the exposure to weather: on average approx. 4-6 hours. High humidity and/or low temperatures will slow down drying time.

Odour: very weak odour; odourless once dry.

Storage: at least 1 year. Store at a cool temperature protected from frost. Close partially used tins carefully; if there is a particularly large air space transfer to smaller containers.

How to apply

General: mix the product well before use. Do not work at temperatures below +10°C (environment, surface or product).

Application systems: brush, spray.

Surface preparation: The wood to be treated must be dry and free from dust and grease. Do not apply to wood with a moisture content over 15%. Remove any poorly anchored old paint or varnish.

Application advice: outdoor wood should be pre-treated with a suitable protective primer such as HYDROGRUND PLUS (when applying the impregnating protective primer, carefully follow the instructions in the related technical specifications). Wood located in indoor environments does not normally need biological protection, other than in particular situations such as when insect attack has been detected or for construction elements in damp environments or when exposed to water sprays, e.g. in showers, or when applied to starch-rich wood, typically from broad-leaf trees, for example abachi, limba, ramin, oak sapwood.

If a solvent-based protective primer has been chosen, before applying the following coat of HYDROTOP PRIMER, check that the solvent has completely evaporated and that the binder is perfectly dry.

If HYDROTOP PRIMER is to be used on outdoor doors and/or windows, we recommend using HYDRODIP NEW 00-colourless or 51-white as a primer. Apply a single coat of HYDROTOP PRIMER and leave it to act for 16 hours.

HYDROTOP PRIMER has good insulating properties against the substances in some types of European and exotic wood, such as chestnut, oak, iroko etc.

Handles, locks, hinges and other metal parts that come into contact with the product must be in a corrosion-proof material.

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Recommended treatments:

- New outdoor wood	1 x HYDROGRUND PLUS 1 x HYDRODIP NEW, coloured, with intermediate sanding down (280 grain) 1 x HYDROTOP PRIMER (about 80 - 100 µm wet) with light intermediate sanding down, 280-320 grain 1 x HYDROTOP AIRLESS NEW, HYDROTOP AIRLESS, HYDROTOP AIRLESS MIX or HYDROTOP (200 - 300 µm wet)
- New indoor wood	1 x HYDROTOP PRIMER, with light sanding down (280-320 grain) 1 x HYDROTOP AIRLESS NEW, HYDROTOP AIRLESS, HYDROTOP AIRLESS MIX or HYDROTOP (200 - 300 µm wet)
- Restoration of outdoor wood	Remove any existing paint or varnish that is not well bonded to the surface; clean and sand down the surface to improve adhesion. Then 1 x HYDROTOP PRIMER, with light intermediate sanding down (280-320 grain) 1 x HYDROTOP AIRLESS NEW, HYDROTOP AIRLESS, HYDROTOP AIRLESS MIX or HYDROTOP (200 - 300 µm wet) If old layers of paint or varnish have been completely removed, follow the instructions for painting new wood.

Consumption: approx. 80 - 120 g/m² per coat.

Dilution: HYDROTOP PRIMER is ready to use. If necessary, dilute with water.

Over-painting: after a drying time of about 16 hours HYDROTOP PRIMER can be sanded down and over-painted.

Tool cleaning: with water immediately after use.

Special instructions

Even when using products low in hazardous substances, the usual precautions should be taken for working with paint. Always ensure adequate ventilation. Cover electrical switches and cables properly to avoid short circuits.

HYDROTOP PRIMER must always be over-painted with a water-based topcoat.

Do not let the product pollute water courses and drainage water that may penetrate the soil.

Water hazard class: WGK 1 low hazard (self-classification).

VbF classification: not classified.

ADR/RID: not applicable.

The above instructions are consistent with the most recent information on the development and use of our product. Because we have no control over the onsite use and application of the product, we may only be held liable for the quality of the product as supplied. If in doubt please contact our technical consultancy service.