

# FENSTERTOP

Water based Airless Top Coat

3048-a August 2015

## 1. Description

**Product type:** AMONN FENSTERTOP is a thixotropic water-thinnable, biocide-free, acrylate airless top coat for the protection and decoration of wood. It is mainly used in the industrial sectors and in light industry.

**Field of application:** for all kinds of interior and exterior wood, especially for load bearing construction parts such as windows and outside doors. It should not be used in extremely damp rooms such as indoor pools, saunas etc.

**Protection:** AMONN FENSTERTOP protects wood from damp and UV rays.

**Colours:** 00-colourless, 30-birch, 31-Swiss pine, 32-apricot.

**Gloss level:** 30 gloss

**Tin size** 5 l\*\* – 25 l – 200 l\*

\* on request

\*\* just for 30-birch and 32-apricot

## 2. Technical data

**Density:** Ca. 1,04 kg/l, bei +20 °C.

**Flash point:** not applicable

**Viscosity:** thixotropic

**Gloss level:** 30 gloss

**Drying times:** after approx. 2-4 hours depending on the type of wood, the amount applied and the atmospheric conditions. High humidity and/or low temperatures can slow down the drying process.

**Odour:** mild distinct odour, odourless after drying.

**Storage:** 1 year. Store in a cool place and protect from frost. Close partially used tins well; if the air volume in the tin is excessive, transfer the remaining product into a smaller tin.

## 3. Application

**General:** stir AMONN FENSTERTOP well before use. Do not apply at temperatures below +10 °C (room, surface and product).

**Application methods:** spraying (airless, airmix and electrostatic systems).

**Preparation of the surface:** the wood to be treated must be dry and free from dust and grease. Do not apply to wood with a humidity rate of over 15%. Strip old, badly adhering coats completely. First clean resinous wood with a nitro thinner.

**Advice for application:** exterior wood should first be treated with a suitable wood preservative, e. g. HYDROGRUND PLUS (please consult the relative technical leaflet before application and follow the instructions carefully). Interior wood does not normally require pre-treatment with a wood preservative except in particular cases such as established insect attack, or on wood elements in humid areas (e.g. showers) or on elements made of hard-wood with a high starch content (e. g. abachi, limba, ramin).

When using on windows and outside doors the application of HYDRODIP NEW in a coloured tone is recommended as an intermediate coat. The best results are obtained with two coats and intermediate sanding with sandpaper grain 280. It is however possible to obtain a wet thickness of 300-400 µm in one coat. In order to obtain perfect drying over night a wet thickness of 300 µm per coat should not be exceeded. On end grain wood it is necessary to increase the coats of AMONN FENSTERTOP to avoid, as far as possible, any water absorption.

When applying AMONN FENSTERTOP to types of wood rich in substances (oak, hemlock, chestnut, iroko, red cedar etc), the surface must first be treated with HYDROTOP PRIMER colourless and then treated with an intermediate coat in order to reduce the leaking through of the brown, water-soluble substances.

Even in the case of products with a high insulation capacity it can happen that in very resinous woods such as pine, for example, the resin can leak out.

Metal fittings and parts which could come into contact with the product must be of a corrosion-proof material.

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## Guidelines for application by spraying:

- Airless:	Spray pressure:100-200 bar; Nozzle size: 11 - 13
- Airmix:	Jet size: 11 - 13 Product spray pressure 80 – 110 bar Air pressure 1 – 2 bar
- Spray gun	Nozzle size: 2 – 2,5

## Recommended cycles:

- New exterior wood:	<p>1 x HYDROGRUND PLUS 1 x HYDRODIP NEW coloured tone 1 x HYDROTOP 2004 Fondo Intermedio S (Spray), (approx. 100 - 150 µm wet),with intermediate sanding, grain 280, or FC (flow-coating) 1 x AMONN FENSTERTOP (approx. 200 - 300 µm wet) Or 1 x HYDROGRUND PLUS 1 x HYDRODIP NEW coloured tone 2 x AMONN FENSTERTOP (approx. 140-160 µm wet per coat), with intermediate sanding , grain 280 Or 1 x HYDROGRUND PLUS 1 x HYDRODIP NEW coloured tone, intermediate sanding, grain 280 - 320. 1 x AMONN FENSTERTOP (approx. 300 µm wet)</p>
- New interior wood:	<p>1 x HYDROTOP 2004 Fondo Intermedio S (spray) (approx. 100 - 150 µm wet),with intermediate sanding grain 280 1 x AMONN FENSTERTOP (approx. 200 - 300 µm wet)</p>
- Renovation of exterior wood:	<p>Strip old coats of badly adhering varnish; clean and sandpaper the surface in order to improve adhesion, then 1-2 x AMONN FENSTERTOP (see new exterior wood). If the wood has been completely stripped of previous coats, the recommendations for new wood should be followed. If the renovation is to be carried out by brushing, after preparing the surface adequately 2 x HYDROTOP (see technical data leaflet).</p>
- Renovation of interior wood	<p>Strip old coats of badly adhering varnish; clean and sandpaper the surface in order to improve adhesion, then 1-2 x AMONN FENSTERTOP, depending on the condition of the surface and the finish desired (if 2 applications are made, sand between each coat with sandpaper grain 280). If the wood has been completely stripped of previous coats, the recommendations for new wood should be followed. If the renovation is to be carried out by brushing, after preparing the surface adequately 2 x HYDROTOP (see technical data leaflet)</p>

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\*it is recommended that 2 applications are carried out in the case of large pore wood types (e. g. oak, iroko, mahogany, teak, etc).

AMONN FENSTERTOP colourless contains no pigments and so offers very little UV protection. Therefore it should only be used on exterior wood as a finishing product in coloured cycles or for toning down darker colours. The effect of each single colour depends on the type of wood and level of weathering (gray wood surface). A test coat should be carried out to check the colour. Heavily weathered wood surfaces especially on wood exposed to the weather side (south-west) should be checked regularly and treated according to their condition.

**Consumption:** 4,5-5,5 m<sup>2</sup>/l per coat in two applications ; 2,5-4 m<sup>2</sup>/l in one application.

**Thinning:** AMONN FENSTERTOP is ready for use; dilute with water only if absolutely necessary. It should be noted however that by diluting the product, the coating thickness may be reduced.

Airless / Airmix max. thinning 2%.

Spray gun max. thinning 3%.

**Overpainting:** according to the coating thicknesses foreseen, the treated surface can be sanded and overpainted after a drying time of approx. 5-6 hours.

**Tool cleaning:** immediately after use with water and detergent. Cleaning residue must be disposed of according to regulations.

#### 4. Special advice

Please refer to the safety data sheet. Even when applying ecologically compatible products, the usual safety measures should be taken. Protect face, hands and eyes during protection and always ensure that there is sufficient ventilation. It is recommended that silicone rubber seals are used. Surfaces which have been coated with AMONN FENSTERTOP should not be cleaned with alcohol or solvent-based detergents or acidic or alkaline cleaning products. Use only water with neutral soap or a mild, neutral cleaning product.

**Waste disposal:** European waste catalogue (EAK and AVV) 08 01 12 (waste paint and varnishes). Tins containing traces of product and product residue must be disposed of according to regulations (special waste collection point). Only completely clean tins can be taken for recycling.

**Water hazard class:** WGK 1, slightly hazardous for water (according to VwVwS of 17. May 1999). Do not let the product seep into water-bodies, the ground or the sewage system.

**Danger class according to VbF:** not applicable.

**ADR/RID:** not applicable.

*The information contained in this technical leaflet is based on recent research and technology and is not binding. The cycles and supports indicated are given only as examples. Due to the extensive range of use and application possibilities a professional test should be carried out for each individual case. Should there be any doubts please contact our technical department. For all other matters please refer to our sales and delivery conditions.*