

Product information: Industrial Finish

Description:

Osmo Industrial Finish is a decorative wood finish for exterior use which accentuates the texture of the wood. In addition the transparent wood finishes highlight the grain of the wood.

Osmo Industrial Finish is natural oil based, micro-porous and moisture regulating. It is water-repellent and extremely weather and UV resistant.

Osmo Industrial Finish does not crack, flake, peel or blister and because of this easy to renew (just a further coat either with Industrial wood stain or Industrial country colour on cleaned surface).

Uses:

All exterior woodwork such as horizontal and vertical sidings, **windows**, cladding, clapboards (shutters), carports, fences, pergolas, shingles, summerhouses etc. which have to be prepared with Impregnation 4012 to achieve a preventive chemical protection.

Colour range:

Industrial Finish is available in 6 semi-transparent and one opaque colour shade. In order to various the different colour shades, the Industrial Wood Stain is also available as Finish respective Colourless Stain for mixing.

Industrial Wood Stain (semi-transparent):

No.	5000	colourless
No.	5710	spruce
No.	5701	pine
No.	5702	oak
No.	5709	teak
No.	5729	cedar
No.	5901	white

All shades are intermixable. As the transparent colour will be influenced by the natural colour of the wood, the result can deviate from the colour shown on the colour card.

Trial application recommended!

Industrial Country Colour (opaque)

No.	5730	white
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Surface preparation:

Before first application, new wood has to be treated with the Impregnation 4012 to achieve a preventive chemical protection. The wood surface must be clean, dry (maximum moisture content 20%) and frost-free.

A final mechanical pulp with 180-grain sanding paper is recommended. Remove dust, loose particles and wood fibres carefully. Afterwards apply first coat Industrial Wood Stain or Industrial Country Colour on all sides of the wood and allow 12 hours to dry. Then apply second coat.

The mechanical pulp, as well as the other preparations, are very important with regard to the optical effect, coverage and especially the quality of the coat.

In case of renovating old, varnished wood, the old paint and varnish must be completely removed before applying the different coats as described.

Method of application:

a) Application by hand

Use rather stiff brush or roller, and apply thin coat evenly and thoroughly along wood grain. Leave to dry for approx. 12 hours, providing good ventilation. Then apply second coat.
If a more satin surface is desired, finish with one coat of Osmo Colourless Finish.

b) Application by machine

Industrial Finish consists of two components: Industrial Impregnation and Industrial Wood Stain or Industrial Country Colour. It can be applied by machine, dipping or spraying.

To bring viscosity into line Osmo Thinner 8004 is recommended.

As a run-up to the application it has to be proved, if the special application-system is suitable in regard to oil based paintings which contain solvents. Moreover the prescriptions and safety regulations and advices have to be urgently keep. Also the rest left in the application-system (filter, airing) has to be treated like the painting itself.

The Impregnation 4012 can be use in a usual dipping installation. The Industrial Finish can be sprayed with a) cup-pistol (gun), b) HVLP pistol or with an airless- or airless-mix-process.

The application rate depends on the wood surface and species. In accordance to our own experiences the application rate come to 20 - 45 g/m². According rough wood the application rate could come higher. Trial applications on the own spraying installation are recommended.

Allow to dry approx. 12 hours, then apply second coat as described before.

Storage:

Can be stored 2 years or more.

Precaution:

Keep out of the reach of children. Do not fill into containers normally used for food and drink. Work in areas with good ventilation. Do not apply in the presence of naked flames, hot surfaces or unprotected electric equipment. In case of contact with eyes rinse immediately with plenty of water.

Soiled cloth need to be washed out immediately or has to be stored in an airtight container.

According to EG requirements Industrial Finish does not have to be marked and will not emit physiologically harmful compounds to environment.

*The above information is given to the best of our knowledge but without liability.
(dated 07/2006)*