

Product information: Industrial Country Colour

Description

Osmo Industrial Country Colour is available in white opaque semi gloss (5730) and in white opaque satin matt (5731).

The Osmo industrial paints are natural oil based, micro-porous, moisture regulating, water-repellent and extremely weather and UV resistant.

The finish will not crack, flake, peel or blister. It is easy to apply, will not dry during application (no brush marks) and is easy to renew (just apply a further coat).

The Osmo industrial paints are the ideal product for trade and industry – sprayable and fast drying. It has been time-tested for decades under the severest weather conditions.

Natural oil base

Osmo Industrial paints are natural oil based. Natural oils penetrate deeply into the wood, keeping it elastic and healthy, and preventing it from getting dry and brittle.

Shrinking and swelling are reduced. The wood is allowed to breathe. Moisture can evaporate.

Health and environment

Osmo Industrial paints do not contain any biocides or preservatives. The principle of Osmo to manufacture and supply only products which are safe and environmentally friendly during production as well as for application resulted in the successful certification according to DIN EN ISO 9001:2000 (quality management) and DIN EN ISO 14001 (environmental management) by the TÜV (Technical Control Board) Rhineland.

Die Fa. Osmo Holz und Color
ist zertifiziert nach DIN EN
ISO 9001:2000
(Qualitätsmanagement) sowie
nach DIN EN ISO 14001
(Umweltmanagement).

Uses

All exterior and interior woodwork which is desired to maintain its natural appearance, like wooden claddings, balconies, windows, clapboards, fascias, blinds, summer houses, flower boxes, green houses, pergolas, fences, screens, wooden gates and decks.

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No. of coats required

two coats

- for renovation usually one coat

Can sizes

2.5 litres and 8 kg

Larger volumes please enquire.

Coverage

1 litre will cover approx.:

12 m² smooth wood, two coats

20 m² smooth wood, one coat

Rough or striated wood in general needs more material due to its surface structure.

Surface preparation

Wood surface must be clean, dry (maximum moisture content 20 %), and frostfree.

Old paints and varnishes must be removed (by Osmo Paint Remover or by sanding).

Old micro-porous stains only need to be cleaned.

Where possible apply first coat on all sides of the wood before installation.

If additional protection against blue stain, rot and mildew is desired, pre-treat with Osmo WR Base Coat* and allow 12 hours to dry. (*Use biocides safety. Always read the label and product information before use.)

If a biocide-free water repellent protection is preferred, apply Osmo Wax Impregnation Wood Protector without synthetic biocides.

Compatibility

The products are compatible with Osmo Wood Stain And Protector, Osmo One Coat Only, Osmo Clear Oil Wood Finish, Osmo Wood Oils as well as other micro-porous stains and semi-oil wood finishes and pressure impregnated wood.

Corrosion

In areas of high humidity the use of galvanized, non-oxidizing nails and fasteners is recommended.

Method of application

Osmo Industrial paints are ready to use. Please do not thin. Stir thoroughly.

The Industrial paints can be applied by spray painting (e.g. HVLP = High Volume Low Pressure or Airless) as well as other methods (brush or with cloth).

Usual coverage:

1. First application:

application amount approx. 35-40 g/m²,
dust-dry:

approx. 2-3 hrs at room temperature/

approx. 1 hr. at 50°C convection dryer;

ready for sanding: 6-8 hrs./2-3 hrs.

2. intermediate sanding can be done with grain P 220 or finer

3. Second application:

application amount approx. 35-40 g/m². dust-dry:

approx. 2,5 hrs at room temperature / approx. 1 hrs at 50°C convection,
after 12-16 hrs stackable.

If a more satin surface is desired, finish with one coat of Osmo Clear Oil Wood Finish. This will also prolong the durability of the finish.

Cleaning of tools

With Osmo Brush Cleaner (benzene-free) or white spirit.

Maintenance

Very simple. Just a further coat on clean, dry surface.

Storage

Can be stored up to 5 years or more if can is full and tightly closed. Store in dry place. If thickened by frost it will regain its normal consistency under normal temperatures within 24-36 hours.

Ingredients

35-50 % solids' content

Base: natural vegetable oils (sunflower oil, soybean oil)

Pigments: iron oxide and organic pigments, titanium dioxide (white pigment), all approved for use in the food sector

Solvents: disaromatized white spirit - (benzene-free in compliance with purity demands of the European Pharmacopoeia)

Additives: water-repellent additives, siccatives (drying agents).

Full declaration of ingredients upon request.

Technical Data

Specific gravity: 0.9 - 1.2 g/cm³

Viscosity: 60-70", 2 mm according to DIN 53 211, thin

Odour: mild, odourless after drying

Flashpoint: > 25 °C.

Fire conduct in compliance with demands of German DIN 4102 (fire conduct of building materials and components) Class B2 (normal inflammability).

Precaution

Flammable. 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 electrical equipment. In case of contact with eyes rinse immediately with plenty of water. Contains 2-butanonoxime. May produce an allergic reaction.

Wash out any used cloth immediately or store in a airtight container (danger of self ignition). Do not use the Osmo Industrial paints together with nitro cellulose lacquers or nitro cellulose stains in the same spray booth (danger of self-ignition).

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