

## Product information: Opaque Gloss Wood Stain <sup>High Solid</sup>

### Description

Opaque Gloss Wood Stain is an elegant opaque semi-gloss wood finish for exterior and interior use. It is based on natural oils and is micro-porous, allowing the wood to breathe but protects against ingress of moisture.

It is long-lasting, extremely weather- and UV-resistant, and will not crack, peel, flake or blister. It has an exceptionally high solids' content (85 %) which accounts for the long durability and large coverage. Covering in two coats, it allows the texture of the wood to be seen.

The ideal professional, low maintenance window finish (easy to renovate, just a further coat - no sanding or scraping).

### Product based on natural oils

Opaque Gloss Wood Stain is based on natural oils. 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

Opaque Gloss Wood Stain does not contain biocides nor preservatives and can therefore also be used indoors. It is safe for man, animal and plant when dry and complies with German DIN 53 160 (fast to perspiration and saliva) and EURO Norm EN 71 (suitable for children's toys). Test certificates available upon request.

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.

Especially windows, clapboards (shutters), doors, but also fascias, fences, pergolas, trelliswork, trim, garden pavilions, dovecotes, beehives, flower boxes, green houses, garage doors etc.

Solid wood, plywood, laminated wood, new or weathered.

Excellent to re-new old wood finishes.

Can also be painted on stone and brick walls (not plaster), concrete and iron.

### Colour Range

No. 2104 White

When using several cans with different batch numbers please mix together in one large container to ensure uniform coloration.

When used in dark indoor surroundings the high content of natural oils might cause yellowing.

### **No. of coats required**

2 (requires 3 coats on dark surfaces)

### **Can sizes**

0.375 litre, 0.75 litre, 2.5 litres (white only)

Larger volumes please enquire.

### **Coverage**

approx. 10 sq.m per litre, on smooth wood approx. two coats, 17.5 sq.m per litre, one coat.  
Rough or striated wood needs more material due to its surface structure.

### **Surface preparation**

Wood surface must be clean, dry (maximum moisture content 20 %) and frost-free. Remove loose particles of old paint, wood fibres, dust, grease or mildew.

Glossy paints and varnishes: roughen surface with sand-paper.

TIP: to remove mildew, moss or lichen growth from old wood we recommend Gard Clean Green Growth Remover\*.

If additional protection against blue stain, rot and mildew is desired (f. i. on pinewood), pre-treat with Osmo Impregnation WR\* Clear and allow 12 hours to dry. If biocidefree protection is preferred, treat with Osmo Wax Impregnation Wood Protector (without synthetic biocides). If applied on Meranti, pre-treat with a primer.

### **Compatibility**

Can be painted on:

Wood Wax Finishes, Country Colour, One Coat Only, Clear Oil Wood Finish and Wood Oils, Fence And Garden Stain, Wood Stain And Preservative, Impregnation WR\*, Wood Protector (biocidefree); pressure-impregnated wood and other micro-porous stains and paints in good condition.

### **Corrosion**

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

### **Method of application**

By brushing.

Opaque Gloss Wood Stain is ready to use. Do not thin. Stir well.

Use stiff quality Osmo Brush and apply thinly, evenly and thoroughly on clean, dry and frost-free surface.

Allow at least 12 hours drying time providing good ventilation. Then apply second coat.

New wood: where possible apply first coat on all sides of the wood before installation.  
Windows must be thoroughly dry before closing, (drying time approx. 24 hours).

### **Cleaning of tools**

With Osmo Brush Cleaner (benzolefree) or white spirit.

### **Drying time**

approx. 12 hours - provide good ventilation (dust dry in approx. 6 hours).

### **Maintenance**

Very simple. Just apply 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 consistency under normal temperatures within 24-36 hours.

### Ingredients

85 % 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

Additives: water-repellent additives, siccatives

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

Full declaration of ingredients upon request

### Technical Data

Specific gravity: 1.2 - 1.4 g/cm<sup>3</sup>

Viscosity: 48-58", 4 mm according to DIN 53 211, creamy

Odour: faint/mild, odourless after drying

Flashpoint: Flammable-Flashpoint Setaflash ASTM D > 55 °C.

Dried surface hardly flammable according to TL A-053.

Fire conduct in compliance with demands of German DIN 4102 (fire conduct of building materials and components) Class B 2 (normal inflammability).

### Caution

Keep out of 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.

Wash out any cloths that have been used to clean brushes immediately or store in a airtight container (danger of combustion).

*\* Use biocides safety. Always read the label and product information before use.*

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