

# Solignum Architectural OS

## Opaque Wood Stain

## PS500 Series

### Features

- Protects and decorates all species of wood
- Easy to apply and maintain
- Resists moisture ingress
- Resists mould growth
- Compatible with wood preservative pre-treatments and most proprietary exterior wood stains
- Agreement Board Certificate No. 87/1881

### Intended uses

Window and doors, conservatories, sheds, gates and fences, cladding panelling, skirting, beams, barge boards, fascias.

Architectural can be used on all species of wood, both internally and externally and is suitable for use in high and low temperatures and coastal environments. The life expectancy externally of a two-coat treatment is normally five years, but may be less in very exposed conditions.

### Product description

Architectural is a low-maintenance, medium build, solvent-based, opaque, decorative protective wood finish. It has water-shedding properties and allows wood to breathe.

### Product information

<b>Product reference</b>	PS500 series
<b>Typical thickness</b>	60 microns wet minimum
<b>Theoretical coverage</b>	Sawn: 4-8m <sup>2</sup> per litre per coat Planed: 8-12m <sup>2</sup> per litre per coat
<b>Appearance/Colour range</b>	Solignum Architectural is available in a wide range of colours including Ebony, Jacobean, Copper Teak, Lignum Vitae, Chestnut, Rosewood, Red Maple, Cactus Green, Arctic Grey and White, Reed Green, Charcoal Grey, Greenheart, Yellow Beech.
<b>VOC content</b>	Cat A/e: 400 g/l. This product contains max 400 g/l VOC

### Application details

<b>Thinner</b>	Not Recommended
<b>Cleaner</b>	White Spirit

#### Drying time

Substrate Temperature	Touch Dry	Hard Dry	Overcoating Interval	
			Minimum	Maximum
20°C	4-6 hours	16 hours	24 hours	N/A

**Note:** Drying/curing times will be shortened by higher temperatures and lengthened by lower temperatures

### Storage and handling

<b>Storage</b>	Store in a safe place out of the reach of children. Protect from frost.
<b>Pack Size</b>	1 litre and 5 litres. Some colours are available in 25 litres.
<b>Flash point</b>	40°C
<b>Product weight</b>	0.96-1.4 depending upon colour
<b>Shelf life</b>	1 year in unopened containers

## Surface preparation

Wood should be unweathered, bare, dry, free of mould, dirt, bark, paint, varnish or polish. Finished or rough-sawn wood may be coated. Moisture content should be less than 18% at the time of coating. Architectural may not properly adhere if applied to surfaces, particularly horizontal surfaces, which are retentive of surface moisture from rain, fog, mist, dew etc.

Ensure contents of can are thoroughly mixed before, and periodically during application. It is recommended that a trial area is first coated to ensure a satisfactory finish. One application to bare wood serves as a primer. When re-decorating existing Architectural finishes use a stiff, non-wire brush to remove loose, extraneous material. For sawn timber wash down with a suitable fungicide and allow to dry. Re-coat with one or two applications as required. Re-decoration with different shades is possible.

## Application instructions

Externally, two coats are recommended throughout, with a third coat on horizontal surfaces such as sills. Internally one coat may be sufficient. Solignum products should be applied during dry and if possible, windless conditions above 5°C. Care must always be taken to protect immediate surroundings during application. Plants should be protected from contact with coated timbers until the treatment is thoroughly dry.

Application by brush, apply evenly with a full brush allowing the first coat to dry thoroughly before a subsequent coat or over-treatment is applied. Avoid over-brushing. NB: Architectural is unsuitable for application by roller. Application may also be by spray, most types of equipment being suitable (a trial is recommended to establish, the best settings for a particular piece of equipment), or by immersion, where care must be taken to ensure complete mixing of the Architectural before and during the operation.

Application of Architectural to certain oily or resinous timbers eg. Teak or Iroko, may result in extended drying times (ref. BRE Digest No. 321). Dark shades are compatible with creosote and Solignum Medium and Dark Brown treated timbers which have weathered for at least twelve months. White-led stopping may be used or proprietary fillers such as Metolux Timbafil, interior or exterior Polyfilla, Tetron, Moltofil 90 etc which should be mixed with a proportion of Architectural colour used to form Swedish putty. Knotting should not be used.

Over-treatments: Architectural may be over-painted, and it may be treated with Nullfire WD and Albi Flame retardants. Externally, it is not recommended that Architectural should be over-coated with clear polyurethane finishes or varnishes. External window joinery: It is important to ensure that only top-quality joinery is used and that the timber has been adequately preserved, eg. in accordance with BS5589 Code of Practice for Preservation of Timber. Architectural should be used only when bead glazing using a non-setting mastic can be specified, or alternatively a specification following the Glass and Glazing Federation recommendation outlined in "Timber Windows Finished with Exterior Wood Stain" should be used.

## Safety precautions

The handling and safety precautions shown on the product label must be understood and followed at all times. In general terms, care must be taken to avoid contact with eyes and skin, oral ingestion and inhalation of vapours and films. Always consult the label and the Material Safety Data Sheet before use.

## Definitions

<b>Tolerances</b>	All information quoted in this data sheet is subject to normal manufacturing tolerances.
<b>Practical coverage</b>	Practical coverage can vary considerably depending on method of application, surface roughness, weather conditions and complexity of the structure.
<b>Pot Life</b>	Applies only to two component products and refers to the time the mixture remains usable.

## Disclaimer

The information contained herein is to the best of our knowledge true and accurate and is given in good faith but without warranty. The user will be deemed to have satisfied him/herself independently as to the suitability of our products for his/her own particular purpose. In no event shall Tor Coatings be liable for consequential or incidental damages.

This document will normally be updated at least every two years. It is the users responsibility to ensure that they have the current copy.