

Description

Transparent, satin gloss woodstain based on a new oil-alkyd resin for exterior use. Ideal for marine use on timber, particularly Teak, topsides. Excellent absorption and adhesion properties.

General Notes

Main characteristics

Based on a new generation of alkyd binders.
High solids content. Strongly reduced solvent emission compared with classic alkyds.
Very good penetration and adhesion.
The wood grain remains visible.
Microporous, resulting in a humidity-controlling system.
Water repellent.
Protects timber from effects of UV exposure.
Optimum colouring effect.
Simple maintenance.

Use:

As a brush applied finish coat over Cetol HLSe.
Decoration and protection of constructions with large wood areas, such as structural woodwork and joinery. Especially suitable for treatment of softwood, i.e. Western Red Cedar, Oregon, Treated Radiata Pine.

Application Data

Conditions of application:

Application temperature: 5-35°C.

Method:

For best results use a longhaired pure bristle brush.
Stir thoroughly before use.

Thinning:

Apply the product unthinned.

Cleaning of equipment:

Clean immediately after use with Mineral Turps/white spirits.

Recommended film thickness:

Dry: 40 microns per coat.
Wet: 90 microns per coat.

Coverage rate:

Dressed timber: approximately 10-18m² per litre.
Band sawn timber: approximately 5-8m² per litre.
Smooth plywood: approximately 5-7m² per litre.
Band sawn plywood: approximately 3-5m² per litre.
Coverage greatly depends on the wood species under treatment, method of application and conditions of application.

Drying times at 20°C/ 65% relative humidity:

Dust dry after approximately 3-5 hours.
Recoatable after approximately 16 hours with further coats of **Cetol Novatech**.
All coatings must be thoroughly dry before applying a further coat.
Low temperatures and/or high humidity can delay drying times.
At temperatures below 10°C the drying process will be delayed.
Drying time may also be delayed when used internally with insufficient air flow/ventilation.

Practical Application Data

Preparation

Timber surfaces must be sanded (if appropriate), clean and dry, with dust, dirt, wax and grease removed. Mould and algal growth must be eradicated using a suitable fungicide. The moisture content of timber must not exceed 18%. Degrease timber surface by wiping with white spirits. Preservative pre-treatments must be fully dry before coating.

Application

For cladding, fascias, fences and other large timber surfaces apply 2 coats of Cetol Novatech. Product should be applied in a full flowing coat following the direction of the grain. The first coat should be applied to all surfaces of components prior to installation. Avoid overbrushing.

Maintenance

Remove surface dust and dirt by washing. Any loose material should be removed using a stiff (non-metallic) bristle brush. If water and/or detergent is necessary to remove any stubborn dirt, ensure that the timber is thoroughly rinsed and completely dry. Mould and algal growth must be eradicated using a suitable fungicide.

If excessive weathering has occurred giving a grey appearance, the surface must be abraded back to clean bare timber before re-coating. Bare timbers should then be touched in with a coat of Cetol Novatech before applying a maintenance coat to the whole area.

Properties

Package viscosity: Approximately 110-140 m.Pa.s/23°C.

Density: 0.96 kg/dm³.

Properties (continued)

Solids content: 68% by weight = 62% by volume.

Gloss level: Satin gloss finish.

Durability: Good (2-3 years for a 2 coat system).
Durability depends to a large extent on the wood species involved, design, quality of construction and glazing, condition of indoor paintwork, method of application, elevation of the building concerned, degree of pigment, film thickness, etc.

Further Information

Container sizes: 1 litre, 5 litre cans.

Minimum shelf life: 12 months if stored in unopened packing.
Keep in a frost-free place.

Colour range: Comes in 2 translucent colours :
(077) Pine, (006) Light Oak, (085) Teak
All colours are intermixable in any proportion. .

Health and Safety Aspects

Flash point (DIN 53213):	62°C.
Transport code:	N/A
Hazchem code:	N/A
Government regulations:	The user of this product is required to comply with the national statutory regulations for health and safety at work and waste disposal.

Points to Note

- A **Cetol Novatech** system should have a minimum dry film thickness of 20 microns.
- The ultimate colour of **Cetol Novatech** partly depends on the wood species to which it is applied.
- Test all products prior to use.
- The use of flat sawn timber (crown/arrowhead grain pattern) in high sunshine areas will significantly reduce the life span of your coating. Flat sawn timber (particularly cedar) has a much higher tendency to distort than quarter sawn timber. Sorting of quarter sawn timber for use in high sunshine areas prior to fixing or manufacture is recommended by BRANZ in their publication "BRANZ Selecting Timber Guide (August 2004)". Coating life span can be significantly reduced when used in elevated, seaside or exposed north facing situations.

Please Note

- Every care is taken to ensure that the information provided in this data sheet is accurate. Jac Jay Limited is unable to guarantee results as it has no control over the conditions under which products are applied, the substrate or the application. The customer has to determine the suitability of the delivered products or information for its intended purpose.