

Description

Transparent, satin preservative based on oil-alkyd resin for exterior and interior use.

General Notes

Main characteristics

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.
Highly abrasion resistant (not scratch proof).

Use:

Decoration and protection of constructions with large wood areas, such as cladding, structural woodwork and joinery. Especially suitable for treatment of softwood, i.e. Western Red Cedar, Oregon, Treated Radiata Pine. Hard wear protection for garden furniture and doors.

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: 10 microns per coat.
Wet: 36 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 hours.
Recoat after approximately 16 hours with further coats of **Cetol HLS** or **Cetol Filter 7 plus**.
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

See application information by specific area. Refer to Index.

Properties

Package viscosity:

Approximately 67 secs ISO Cup 3/20°C.

Density:

0.89 kg/dm³.

Properties (continued)

Solids content:	35% by weight = 28% by volume.
Gloss level:	Satin finish.
Durability:	Good (1-2 years for a three 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, 20 litre cans.
Minimum shelf life:	24 months if stored in unopened packing. Keep in a frost-free place.
Colour range:	Comes in 16 translucent colours (see colourcard): All colours are intermixable in any proportion. .

Health and Safety Aspects

Flash point (DIN 53213):	>62°C
Transport code:	UN1263
Hazchem code:	3YE
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.
Ventilation regulations:	Minimum required to comply with MAC*, LEL* or UEL*.

	63.029	63.051
MAC	100PPM	n/a PPM
LEL	0.6%	0.6%
UEL	8.0%	8.0%

- * MAC = Maximum Acceptable Concentration.
MAC = TLV – Threshold Limit Value, as determined by the American Conference of Governmental Industrial Hygienists.
- * LEL = Lower Explosion Limit.
- * UEL = Upper Explosion Limit.
- * PPM = Parts Per Million.

Points to Note

- A **Cetol HLS** system should have a minimum dry film thickness of 20 microns.
- The ultimate colour of **Cetol HLS** 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.