

Description

Medium build translucent solventborne microporous coating for brush application to exterior softwood and hardwood.

General Notes

Main characteristics:

Satin sheen finish.
Extra high protection for timber exposed to maximum weathering.
A unique combination of resins which retain their flexibility longer.
Permanently fixed ultra-violet absorbers to protect timber from degradation by sunlight.
Uniform pigment dispersion ensures exceptionally translucent woodstain film.

Use:

As a brush applied finish coat over **Cetol HLS**.

Application Data

Conditions of application:

Ambient temperature: 5-35°C.
Relative humidity: up to 90%.
Do not apply in direct sunlight.

Surface temperature:

Must be cool to the touch.

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: 30 microns per coat.
Wet: 90 microns per coat.

Coverage rate:

Dressed Timber: 12m² per litre.
Band Sawn Timber: 6-10m² per litre.
Smooth Plywood: 12m² per litre.
Band Sawn Plywood: 6-10m² per litre.
The coverage rate greatly depends on the method of application being used and the nature of the substrate to be coated.

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

Dust dry: after approximately 4 hours.
Recoatable: after approximately 16 hours.
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:

33-35 secs DIN cup 4/20°C.

Properties (continued)

Density:	Approximately 0.9 kg/m ³ .
Solids content:	45% by weight; 38% by volume.
Gloss level:	Satin sheen finish.
Flow:	Good.
Durability:	Good. Approximately 3 summers for high sun areas. Up to 7 years for other areas. 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.
Colour range:	Comes in 16 translucent colours (see colour card): All colours are intermixable in any proportion. .

Health and Safety Aspects

Flash point (DIN 53213):	> 62°C
Transport code:	UN 1263 3-31C
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*.

MAC	N/A PPM
LEL	0.6%
UEL	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

- The application rate of **Cetol Filter 7 plus** is critical to the durability of the system.
- Film must be applied evenly to the specified rate.
- The ultimate colour of **Cetol Filter 7 plus** 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.