



CI/SfB V

Akzo Nobel Woodcare
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Sikkens Cetol HLS

Low to medium build exterior woodstain (Ref: BS EN 927-1 : 1997) for providing protection to timber substrates such as cladding, fascias, soffits, fencing, exterior decking, and garden timbers or as a base stain prior to the application of higher build finishes on joinery. **Cetol HLS should not be used alone as a finish for hardwood timbers.**

BENEFITS

- Quick and easy to apply
- Provides colour to softwood and harmonises hardwoods of variable colour
- Excellent absorption and adhesion
- Resists ultraviolet light and growth of mould within the coating film
- Moisture vapour permeable

PROPERTIES

Composition	Micronised iron oxide pigments and an alkyd resin dispersed in white spirit.
Finish	Matt to semi-gloss sheen dependent on the surface which is being coated, and the amount of product applied.
Coverage	10-18 m ² /litre on planed hardwood timber, 8-12 m ² /litre on planed softwood timber, and 4-8 m ² /litre on rough sawn softwood timber, this will vary depending upon the method of application, timber species, moisture content, timber cut, and the presence of other coatings.
Drying Times (@20°C/65%RH)	Touch dry : 3 to 5 hours Recoatable : 24 hours Note: Drying times are dependent upon absorption and drying conditions. Certain hardwoods are often rich in natural oils, that can seriously affect the drying, absorption and adhesion of all finishes. These must be removed by wiping the surfaces with a cloth dampened with cellulose thinners.
Washability	Resistant to washing and scrubbing. Clean with a mild detergent solution or white spirit to remove dirt and stains.
Volume Solids	28% by volume

PREPARATION

Timber surface must be abraded, 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 the timber must not exceed 18%. Degrease timber surface by wiping with a cloth dampened with cellulose thinners or methylated spirits. We **do not** recommend the use of white spirit for degreasing timber surfaces. Any hard crystallised resin at the surface of the timber should be removed with a scraper. Remaining resinous residues may be removed using methylated spirits. We do not recommend the use of "knotting agents" which are not always fully effective in "sealing in" resin. In addition, the presence of knots is often highlighted, and adhesion of subsequent coatings can be impaired.

For timbers deemed Durability Class 4 (slightly durable) or Class 5 (not durable) reference BS EN 350-2 : 1994, a preservative pre-treatment with **Sadolin Quick Drying Wood Preserver** or similar approved brush applied preservative is recommended. To achieve maximum protection, preservative application by double vacuum impregnation or time controlled immersion, in accordance with the appropriate regulation, is preferable. Preservative pre-treatments must be fully dry before the application of **Cetol HLS**.

APPLICATION

Apply three coats with a good quality brush in a full flowing coat (working well into joints, and ensuring end grains or sawn timbers are saturated with product). Excess surface material should be re-distributed after 5-20 minutes (depending on conditions), using a dry brush and the minimum number of strokes required to produce an even overall colour. The brush should be periodically cleaned with a dry cloth.

When **Cetol HLS** is used as a base stain prior to the application **Cetol Filter 7** or **Cetol THB**, only one coat is required. Pay special attention to tops and bottoms of doors, and undersides of cills.

The first coat should be applied to all surfaces of new components prior to installation. Avoid overbrushing, as this may create brush marks and a poor quality finish.

Cetol HLS is supplied ready for use and should not be thinned.

Only use non-rusting screws, nails and fixings.

Ensure product is thoroughly stirred before and during application, otherwise colour variations may be experienced.

APPLICATION CONDITIONS

Avoid applying when there is a risk of rain or when temperature falls below 5°C

Cetol HLS



Sikkens Cetol HLS

CLEANING

Brushes should be cleaned immediately after use with white spirit.

COMPATIBILITY

Cetol HLS may be applied over **Sadolin Wood Preserver**, **Sadolin Quick Drying Wood Preserver**, **Cetol BL21 plus** and **Sadolin Stainable Wood Filler**, or as a base coat under **Sikkens Cetol Filter 7** or **Cetol THB**. Data sheets are available on all other Sikkens products mentioned. Similar products to those mentioned above will also show good compatibility with **Cetol HLS**. For further advice on this refer to the manufacturers of such products, or contact us on the number given at the end of this data sheet.

MAINTENANCE

Remove surface dust and dirt by washing. Any loose material should be removed using a stiff (non-metallic) bristle brush. Any hard crystallised resin should be removed with a scraper. Remaining resinous deposits may be removed using a cloth dampened with methylated spirits or cellulose thinners. If water and a mild detergent are necessary to remove any stubborn dirt, ensure that the timber is thoroughly rinsed and allowed to dry completely. Mould and algal growth must be eradicated using a suitable fungicide. Apply a further coat of **Cetol HLS** as described in the Application section. Two/three coats will be necessary if the finish has become heavily eroded.

If excessive weathering has occurred leaving a grey appearance, the surface must be abraded back to clean bare timber before recoating.

GLAZING

Joinery coated with the system of **Cetol HLS** and **Cetol Filter 7** or **Cetol THB** should be glazed with a suitable sealant in accordance with section 4.2 of the Glass and Glazing Federation manual together with BS 8000-7 : 1990 Workmanship on Building Sites and BS 6262 : 1982.

Linseed oil putty, type II butyl mastics and metal casement putty are not recommended for use.

Consult the manufacturer of the relevant glazing compound to ensure they are suitable for use with our products.

STORAGE

The can should be resealed after use and stored tightly closed to prevent evaporation and entry of oxygen. Avoid the inclusion of a greater proportion of air to the product. It should be noted that even if there is a higher proportion of product to air in the container, once opened the shelf life of the product is unpredictable.

CAN SIZES

Cetol HLS is available in 1 litre, 2.5 litre, 5 litre and 20 litre containers dependent on colour.

SAFETY, HEALTH & ENVIRONMENT

Sikkens is a brand of **Akzo Nobel Woodcare**, a division of Akzo Nobel Decorative Coatings Limited. It is the policy of **Akzo Nobel Woodcare** to provide the highest standard of safety, health and environmental advice and information.

To this end, material safety data sheets covering every **Sikkens** product are supplied to our customers and are freely available to users on request, by contacting us on the number given below.

The safety phrases on the container and material safety data sheet should be read before using this product.

GENERAL INFORMATION

Apply all products in accordance with BS 6150 : 1991 and BS 8000 - 12 : 1989.

Every care is taken to ensure that the information provided in this technical data sheet is accurate.

Akzo Nobel Woodcare is unable to guarantee results as it has no control over the conditions under which its products are applied.

For further help and information contact the Woodcare Advice Centre on 01480 496868. Before using this product ensure that you have the latest information available. The information above is correct at the date of issue, January 2001.



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