

PROFESSIONAL WOOD FINISHES

Exterior CWF-UV5® Penetrating Wood Finish

For Decks, Fences and Siding

8590

Water based product, Low Sheen Finish

Technical Data Sheet



Technical Specifications (21°C (70°F))

Solids by Volume:	26% (± 1%)
Solids by Weight:	28% (± 1%)

Volatile Organic Compounds (VOCs)*

According to ASTM D3960-05:	< 250 g/L
Canadian regulation:	< 250 g/L

Available Colours

8590	Natural (tintable)
8550	Cedar

Gloss Level	Low Sheen finish
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Practical Coverage

From 14 to 23 square metres (150 to 250 sq. ft.) per 3.78 litres on smooth wood; less on rough surfaces.

Coverage figures do not include loss due to surface irregularities and porosity or material losses due to application method or mixing.

Resin Type

- Acrylic + Oil

Viscosity* Ready to use (69-73 Krebs Units)

Manufacturing specification, working viscosity may vary

Flammability	Non Flammable
Flash Point*	Not applicable

Drying* @ 25°C/77°F - 50% Relative Humidity

Touch dry:	2 to 4 hours
To recoat:	15 to 20 minutes
Prior to withstanding rain:	24 hours
Prior to light foot traffic:	24 hours
Prior to normal foot traffic:	3 days
Before replacing the furniture:	3 to 7 days
Full curing:	30 days

When relative humidity is higher than 50%, double the required time.

Drying times listed may vary depending on temperature, humidity, film build, colour, and air movement.

*Technical Data Source: 8590

Certifications

- MPI™ – Category #156 Stain, Exterior, Water Based, Semi- Transparent.

Product Description

DULUX® CWF- UV5 ® Semi Transparent Stain can be tinted to a wide variety of beautiful wood colours. It is a high performance, Acrylic/ Oil stain that penetrates well, delivering the durability of an acrylic and the richness of an alkyd on any properly prepared exterior wood surface and outstanding UV resistance.

Proven Durability

- Acrylic Oil resin system / High durability of an acrylic and the richness of a penetrating alkyd.
- Excellent UV Protection from transparent iron oxide / Better UV protection with minimal colour change.
- Water repellent, mildew and mould resistant finish / reduces water absorption and resists mildew stains.

Intended Uses

- Exterior new and maintenance work.
- Residential and Commercial sites.
- Ideal for siding, decks, wood balconies, stairs and fences.

Surfaces

- Recommended for treated wood, cedar or pine.
- Also recommended for previously stained wood and exotic woods that have been weathered for over a year.

Limitations of Use

- Apply when no precipitation is expected for 24 hours. Avoid staining in direct sunlight or on hot surfaces.
- Not recommended on water-repellant stains containing wax and on previously painted or solid stained surfaces.
- Tannin bleeding: Some woods, such as redwood and cedar, contain natural, water-soluble tannin, a coloured wood extract, which tends to "bleed" or migrate to the surface. If tannin bleeding occurs, allow the coating to dry completely, then wash with a mild detergent solution and rinse with clear water.

Before use, be sure to read and follow the instructions and warnings on the label and Safety Data Sheet. See other cautions on last page.

SATISFACTION GUARANTEED: The manufacturer warrants your complete satisfaction with the performance of this product for A PERIOD OF 3 YEARS ON DECKS AND 5 YEARS ON FENCES AND SIDING when our product has been applied and maintained according to label directions. This 3 YEARS ON DECKS AND 5 YEARS ON FENCES AND SIDING Satisfaction Guarantee is non-transferable. The manufacturer does not warrant against problems with the product which are caused by factors beyond its control, such as structural defects, damage to the coating film by others, poor condition of the substrate, improper application, etc. If not satisfied as warranted, return the unused portion along with sales receipt to place of purchase. You will receive as your exclusive remedy either a refund of the price paid for the product or replacement with product of equal value. This warranty specifically excludes labour or costs of labour for the removal or application of any product and indirect, special, consequential, and incidental damages.



Available at Dulux Paints Stores across Canada and Bétonel-Dulux Stores in Quebec

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SURFACE PREPARATION

Proper surface preparation is essential. Surface must be dry, clean, free of grey wood fibres, oil, wax, mildew, loose stain or all other contaminants.

- Mildew must be removed by washing affected area with a solution of 30% household bleach and 70% water. Rinse well. Do not mix bleach solution with other cleaners.
- **Bare weathered wood:** Clean with *Dulux* Deck Wash.
- **Coating in poor condition:** Remove any trace of stain with *Dulux* Wood Stripper or a pressure jet, depending on the surface condition. Clean with *Dulux* Deck Wash.
- **New wood:** Wash well with *Dulux* Deck Wash.
- **Coating in good condition:** Ideally, remove the old coating in order to keep the semi-transparent look, otherwise wash well with *Dulux* Deck Wash. Only surfaces previously stained with a similar semi-transparent stain can be recoated.
- **All surfaces:** At the end of the surface preparation, rinse well with water. If water beads, surface preparation must be repeated. Let dry for at least 24 hours in dry weather. Lightly sand with 80-grit sandpaper to dull the surface. Eliminate sanding dust. Remove grade stamps or pencil marks by sanding.

PRECAUTION: Dry sanding will give rise to dust and/or hazardous fumes. Wet sanding should be used wherever possible. Wear suitable respiratory protective equipment when exposure cannot be avoided by adequate local ventilation. **WARNING!** If you scrape, sand, or remove old paint, you may release lead dust. **LEAD IS TOXIC.** Contact a regional Health Canada office for more information.

Application

Moisture content of the wood must be between 12% and 18%. **DO NOT THIN.** When using more than one container of the same colour, intermix to ensure colour uniformity. Stir thoroughly and often during use. Apply to a small area and allow to dry to ensure acceptable appearance and penetration. Apply one thin coat with a high-quality brush or paint/stain pad. When applying by roller, always back-brush for best results. To help avoid lap marks, apply to only a few boards at a time, and maintain a wet edge. **Apply second coat wet-on-wet before the first coat has dried. DO NOT LET DRY BETWEEN COATS.** **CAUTION:** Surfaces are slippery when wet; use caution when walking on wet surfaces. Important: High and continuous moisture content, insufficient ventilation of wood or intensive circulation (decks) prematurely reduces the product durability or can cause peeling.

Application Conditions

Apply when air and surface temperatures are 10°C to 32°C (50°F to 90°F) and will remain above 10°C (50°F) for the next 24 hours.

Tools

- Brush: synthetic bristles (nylon, polyester)
- Roller: lint free – 10 - 15 mm

SYSTEM RECOMMENDATIONS

All recommended Wood surfaces:

- *Dulux* CWF-UV5 Penetrating Wood Finish.
For maximum protection, wood must be stained on all 6 sides. Spot prime all end grain and any cracked, cut or damaged areas. This will provide maximum protection and durability. Apply two coats wet-on-wet for optimal performance.
The product must penetrate, a film thickness is not required.

Cleanup

Remove as much product quantity as possible and clean tools with lukewarm soapy water immediately after use.

Danger of combustion. Materials such as rags used with this product may begin to burn by themselves. After use, put rags in a sealed, water-filled, metal container, or lay flat to dry, then discard. Clean spills right away with a damp cloth.

Storage and Transportation

Keep product cool and dry. **DO NOT FREEZE**

Disposal

Consult your municipality about proper disposal procedure of residue in accordance with the laws and respect the environment. Do not pour down a drain or storm sewer.

Safety Measures

CAUTION. IRRITANT. DANGER OF COMBUSTION. MAY IRRITATE EYES.

Do not get in eyes. Materials such as rags used with this product may begin to burn by themselves. After use, put rags in water or lay flat to dry, then discard. Keep out of reach of children. Wear protective gloves and eye/face protection: chemical splash goggles. Use chemical-resistant, impervious gloves. Inhalation of high concentrations of vapour may affect the central nervous system. Repeated exposure to high vapour concentrations may cause irritation of the respiratory system and permanent brain and nervous system damage. High vapour concentrations can cause headaches, dizziness, drowsiness and nausea and may lead to unconsciousness. Keep container tightly closed and sealed until ready for use. **Note: These warnings encompass the product series. Prior to use, read and follow product-specific SDS and label information.** **FIRST AID TREATMENT:** Contains: solvent naphtha (petroleum), medium aliph.; ethanediol; nonylphenol, branched, ethoxylated; xylene; kaolin. If swallowed, call a Poison Control Centre or doctor immediately. Do not induce vomiting. If in eyes, rinse with water for 15 minutes. For workplace use, an SDS is available from your retailer or by calling 1-800-463-7426. **EMERGENCY SPILL INFORMATION:** 514-645-1320.

For product information call: 1-800-387-3663
www.dulux.ca



PPG Architectural Coatings Canada, Inc.
1550 rue Ampère, Suite 500
Boucherville (Quebec), J4B 7L4

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