



FS1 FIBRESET™ Waterborne Lignin Bonding Sealer

FS1 FIBRESET™ is a waterborne stain blocking sealer for all varieties of interior and exterior wood. It is designed to be applied to bare wood prior to any additional coating. Its unique lignin bonding chemistry strengthens and stabilizes wood fibres in order to prevent degradation due to prolonged exposure to sunlight, heat, moisture, mold and mildew. It dries water-clear and can be applied via spray, brush or roller. It has been designed to be used in conjunction with KCI's AX / AXW Series WOODGUARD™ 1K Waterborne Urethane Topcoats for both interior and exterior applications on natural wood. It may also be used with B7725 VISTA™ Pro Wipe Waterborne Stain Base. It can be applied before or after stain application depending on the desired colour.

This product is part of the KCI GREENSTAR™ family of environmentally friendly coatings. KCI GREENSTAR™ products feature outstanding performance and meet or exceed all of the latest North American environmental standards. See the GREENSTAR™ Eco-Friendly Product Information Sheet for further details.

SUGGESTED APPLICATIONS

- Can be used on all types of wood
- Interior / exterior millwork
- Interior / exterior furniture
- Exterior windows and doors
- Floors and stairs
- Interior / exterior cabinets

KEY PERFORMANCE FEATURES

- Non-flammable
- Low VOC
- Isocyanate free
- HAPs free
- Formaldehyde free
- Phthalate free
- Stain blocking
- Minimal grain raise
- Easy application by spray, brush, roller

RELATED PRODUCTS

AX/AXW Series WOODGUARD™ 1K Waterborne Urethane
AE/AEW Series AQUA-ELITE™ Waterborne Topcoats
B7725 VISTA™ Pro Wipe Waterborne Stain Base



PHYSICAL PROPERTIES

Available Sheens	n/a
Weight Solids	22% ± 2
Volume Solids	20% ± 2
Viscosity	10-15" @ 25°C Ford 4
Specific Gravity	1.0275 ± 0.01 gms/cc @ 25°C
VOC	95 g/l
Typical coverage	10-15 m ² / ltr @ 1 mil dry

ADDITIONAL CHARACTERISTICS

Catalyzation	Not required
Pot-Life	n/a
Reduction	Not required
Retarder	n/a
Clean-up	Water; if deep cleaning is required, flush equipment with alcohol
Shelf-life	6 months from date of manufacture

Dry Times

26°C (~78°F) 50% RH	
To Touch	10-20 minutes
To Sand	60 minutes
To Overcoat	1 hour minimum

Note: Drying times will decrease at higher temperatures/lower humidity and will increase at lower temperatures/high humidity

COATING PREPARATION - Ensure product is stirred well and brought to room temperature before use. Reduction is normally not required. Small amounts of water may be used if necessary. Use only stainless steel or plastic components in areas of direct coating contact. Do not intermix with any other coatings or colourants.

SURFACE PREPARATION - Wood surface should be clean, dry and free from any oil or grease. Pre-sanding of the wood is recommended in order to reduce grain raising and improve adhesion. Moisture content of the wood should be 7-9%.

APPLICATION - This product is designed to be applied in ambient conditions of 12-32°C (~55-90°F) and below 50% relative humidity. Sand surface with 150-180 grit sandpaper. Apply FS1 FIBRESET™ to sanded wood surface. Dry 1 hour minimum. Scuff sand with 240-320 grit sandpaper. Apply B7725

VISTA™ Waterborne Stain (see specific TDS). To achieve deeper colours, apply stain prior to FIBRESET. Wipe off any excess stain and allow to dry.

Apply first coat of WOODGUARD™ or AQUA-ELITE topcoat (see specific TDS) and allow to dry. Scuff sand with 240-320 grit sandpaper and apply second coat of WB topcoat. Allow to dry 24 hours prior to stacking, packing or installation.

SAFETY - During application, always wear eye protection, gloves and appropriate work clothing to minimize contact. Use a respirator and safety glasses at all times when spraying.

This product is freezable. Protect from freezing. Keep containers tightly closed and do not expose to extreme temperatures.

FS1 FIBRESET™ Waterborne Lignin Bonding Sealer (cont'd)

PERFORMANCE TESTING / FILM CHARACTERISTICS

When FS1 FIBRESET™ is used as a pre-treatment on interior / exterior wood surfaces, the finished wood exhibits enhanced protection against breakdown due to sunlight, moisture, mold and heat and provides an effective stain blocking layer.

DISPOSAL - Disposal of chemicals and their solutions should be done according to local, provincial and federal regulations. Safety Data Sheets are available and should be consulted when handling products. These products are for industrial and professional use only; Application directions must be followed.

WARRANTY – Katilac Coatings Inc. warrants that its products are free from defects in manufacture for a period of one (1) year from date of purchase, if used prior to expiration date and applied and used in accordance with Katilac Coatings' most current published specifications applicable to such products. Katilac Coatings Inc. expressly disclaims all other warranties, express or implied, including the implied warranties of merchantability and fitness for purpose. Katilac Coatings Inc. disclaims all liability for incidental, consequential or indirect damages of any nature whatsoever. This warranty cannot be changed or modified whether by course of dealing, custom or trade or otherwise, unless agreed to in writing by Katilac Coatings Inc.



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