

TECHNICAL DATA SHEET

Water-Based End Grain Sealer

DESCRIPTION

WiseSeal® End Grain Sealer deeply penetrates the ends of lumber to protect against water damage and decay. The water based formula uses proprietary nanotechnology to form a flexible breathable barrier by coating the wood fibers at the cellular level.

WiseSeal® protects the cut ends of lumber by preventing water absorption. It can be used to preserve old or new wood, extending its natural life. It is non-film forming, non-yellowing and will not alter the natural beauty of the wood.

WiseSeal® preserves the integrity of the wood by inhibiting rot, decay, mold and mildew growth, and eliminates warping and cupping. WiseSeal® forms a flexible breathable barrier that allows the wood to expand and contract and for water vapor to escape.

The advanced technology of WiseSeal® penetrates and bonds to form a superior barrier below the surface, protecting from the inside out.

WiseSeal® goes on milky white and dries clear.

RECOMMENDED APPLICATIONS

- Cut ends of all soft and hardwoods including:
 - Cedar
 - Ipe
 - Mahogany
 - Cumaru
 - Bamboo
 - Timbersil
 - Redwood
 - Tigerwood
 - Fir
- Pressure treated lumber through thin coat(s).

FEATURES

- Eco-friendly
- Non-toxic; will not harm pets, plants, people or marine life
- Ultra-low VOC
- Water based
- Flexible, breathable barrier
- Stabilizes & protects wood
- Helps resist warping & cupping
- Inhibits wood rot & decay
- Can be applied to damp surfaces
- Soap and water cleanup

WISESEAL®

End Grain Sealer

DeckWise®, The Ipe Clip® Fastener Company
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PHYSICAL CHARACTERISTICS

Color	Milky white liquid, dries clear
Flash Point	None
pH	7+
Solvents	Water
lbs/gal	8.5
Specific Gravity	1.019
Viscosity	50 cps
Application Temp.	45°F/7.22°C* - 95°F/35°C
Odor	Nil
VOC Content	25g/L**

*Do not apply when air or surface temperature is below 45°F/7.22°C or may fall below 45°F/7.22°C within 24 hours after application.

**VOC Content determined via EPA Method 24.5.

Keep a wet edge and do not allow puddling.

PACKAGING SIZES

16 Oz. Container w/ Brush Lid

FREIGHT CLASS

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APPLICATION INSTRUCTIONS

PREPERATION

- All surfaces should be cleaned before sealing for best penetration and performance. Remove all old coatings, dust, debris and loose material. Remove oil, grease, algae, grime, mill glaze and mold and mildew stains with appropriate cleaners. Recommend DeckWise® Cleaner & Brightener.

- After cleaning, test absorbency of the ends by sprinkling a few drops of water. If the water does not readily penetrate the ends, sanding will be necessary to remove old coatings prior to applying WiseSeal®.

APPLICATION

- Do not use if air or surface temperature is below 45°F/7.22°C or above 95°F/35°C.
- Do not apply in rain or when rain is expected within 12-24 hours.
- DO NOT THIN. Mix well. Stir contents or shake thoroughly prior to use.
- Test a small area to ensure acceptable appearance and penetration.
- Apply first coat to end cuts using a synthetic brush or stain pad.
- Second coat can be applied once first coat has penetrated but is still damp. Second coat must be applied within one hour of applying first coat.
- For best results, apply in the shade and out of direct sunlight.
- When applying in direct sunlight and wood surface is hot, spray with a mist of water and apply WiseSeal® immediately on dampened surface.
- Use only with other DeckWise® waterproofing products.

COVERAGE

- Approximate coverage: 250-350 sq. ft./gallon or 30 sq. ft./16 oz. per coat. Actual coverage will vary due to porosity of surface.

DRYING TIME

- Allow approximately 2-3 hours for surface to dry, depending on temperature and humidity.
- Allow 12-24 hours for full cure, depending on temperature and humidity.
- When re-coating, apply once previous coat has penetrated and surface is damp, not wet. Second coat must be applied within one hour of applying the first coat.

CLEAN UP AND STORAGE

- Clean all application equipment with warm soapy water.
- Store above 32°F/0°C to protect from freezing.
- Shelf life (unopened): 3 years
- Disposal: Contact your local environmental regulatory agency for guidance on disposal of unused product. Do not pour down a drain or storm sewer.

PRECAUTIONS

- Protect adjacent areas from over-spray and runoff including windows and siding. Immediately remove over-spray with soap and water.
- Safety Precautions
- Avoid breathing in spray. If inhaled, move to fresh air.
- Avoid contact with eyes. If splashed into eyes, rinse with clean water for 15 minutes.
- If skin irritation occurs, wash area with soap and water.
- If accidentally ingested, immediately drink 2 glasses of water and contact a physician. Do not induce vomiting.