

Bona DTS[®]

Technical data sheet

Bona DTS[®] Deep Tone Sealer is a specially formulated waterborne sanding sealer for use with all Bona[®] waterborne finishes. Bona DTS seals the wood, develops a vibrant look and deep, natural tone. It abrades easily and prevents the finish from penetrating into the wood surface.

- Unique “wet look” appearance adapts to the individual wood species, accentuating the natural pigmentation and color characteristics
- Excellent sandability – hardens rapidly and allows for easy abrasion
- Seals the wood, preventing the finish from penetrating
- Reduces tendency for sidebonding
- Exceptional flow and leveling of finish top coats
- This product has a maximum VOC (Volatile Organic Compound) content of 250 grams per liter (2.1 pounds per gallon VOC).
- Fast drying – 2-3 hours
- GREENGUARD certified for indoor air quality
- Nonflammable
- Water clean-up
- Product can be rolled or pulled with a t-bar

Technical data

Physical Characteristics:

Color – Milky white (wet)

pH – 7.5 - 7.9

Solids – 31-32%

Viscosity – (Brookfield, 25°C) 21-24cP

Density – 8.66 lbs/gallon (1.04 S.G.)

Packaging – 1-gallon plastic bottle

VOC – This product has a maximum VOC (Volatile Organic Compound) content of 250 grams per liter (2.1 pounds per gallon VOC).

Gloss Level – N/A

Odor – Non-offending

Flash Point - >200°F

Packaging – 1-gallon plastic bottle

Application Characteristics:

Clarity – Clear when dry

Leveling – Excellent

Defoaming – Excellent

Drying Time – approximately 2-3 hours (high humidity and/or low temperature conditions will extend the drying time)

Maximum Cure – 100% after 1 week

Coverage – 450-600 square feet per gallon

Percent Cured After 24 Hours – N/A

Recommended Use

- Residential wood floors
- Commercial wood floors
- For use on newly sanded wood floors

Directions

CAUTION! CONTAINS SMALL AMOUNTS OF PROPYLENE-BASED GLYCOL ETHERS.

Precautions: Do not breathe vapors or spray mist. Use with adequate ventilation. Wear an appropriate, properly fitted (NIOSH/MSHA APPROVED) respirator in areas where TLV is exceeded. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. KEEP OUT OF REACH OF CHILDREN. FIRST AID: In case of eye contact, flush immediately with water and get medical attention; for skin, wash thoroughly with soap and water. If affected by inhalation, remove to fresh air. If swallowed, drink 1 or 2 glasses of water to dilute. Do not induce vomiting. Get medical attention.

BEFORE USING, READ ALL DIRECTIONS AND MATERIAL SAFETY DATA SHEETS.

FOR TECHNICAL ADVICE: Call Bona US at 800/872-5515

COMPATIBILITY: Stain, sealer and finish results may vary widely depending on the wood species,

Finishing





especially on oily and resinous Exotics. ALWAYS PREPARE A SAMPLE OR TEST AREA TO DETERMINE COMPATIBILITY, APPEARANCE AND DESIRED RESULTS.

SANDING AND PREPARATION OF NEW FLOORS: 1. Sand and prepare floor using accepted industry association methods. 2. For a stained floor, make your final cut with 80-100 grit paper and screen to 80-100 grit. For an unstained floor, make your final cut with 80-100 grit paper and disc/screen to 120-150 grit. This burnishing will reduce the amount of grain raise. 3. Use a Tampico Brush on a buffer and vacuum thoroughly. 4. Tack with a dry Bona[®] Microfiber Mop or cloth to remove dust. 5. Apply finish system.

THE BONA DTS[®] SYSTEM: Apply 1-2 coats of Bona DTS and 2 coats of a Bona waterborne finish. Bona DTS is not needed when using a Bona stain with a Bona waterborne finish. Bona DTS minimizes side-bonding and grain raise, provides a build layer and prevents the finish from penetrating into the wood surface. Visit www.bona.com for additional product information.

RECOMMENDED APPLICATORS: Bona[®] Floor Coater (T-bar), Bona[®] Roller, Bona[®] Cut-In Pad.
NOTE: Use a clean applicator for sealer and a separate clean applicator for finish.

MIXING INSTRUCTIONS: SHAKE WELL BEFORE USING – DO NOT THIN. DO NOT ADD WATER. Insert supplied filter.

SEALING: 1. Pour a 4" wide line of sealer along the starting wall. Go with the grain of the wood. 2. Using a pre-dampened T-bar sleeve, draw the applicator forward with the grain of the wood, moving the sealer toward the opposite wall. To maintain a wet edge at all times, hold the applicator at a snowplow angle. 3. At the end of each run, turn the applicator towards you and pad out the applicator parallel to the wet edge. 4. Feather out all turns. Do not push too hard or too fast to avoid drips flying off the applicator. 5. BE SURE YOU ARE USING THE RECOMMENDED COVERAGE OF 450-600 SQ. FT. PER GALLON. DO NOT SPREAD TOO THIN. 6. Allow the first coat to dry 2-3 hours. High humidity and/or low temperature conditions will extend the dry time (recommended conditions of 65-80° F (18°C-27°C) 40-60% relative humidity). 7. For smoothest results, abrade before applying finish coats. Always vacuum and tack thoroughly with a slightly water dampened Bona Microfiber Mop or cloth after abrading.

INTERCOAT ABRASION: It is not necessary to abrade DTS unless more than 48 hours has passed since the previous coat was applied. However, for smoothest results, abrade the DTS sealer coat with a Bona Conditioning Pad and 1-2 Delta sheets as needed or a 150 grit or finer screen. Always vacuum and tack thoroughly with a slightly water-dampened Bona Microfiber Mop or cloth after abrading.

Maintenance

CLEAN-UP: Application tools should be cleaned with water and stored in an airtight container.

STABILITY: One year shelf life in unopened container.

STORAGE: Nonflammable – Bona DTS should be stored in a climate-controlled environment. KEEP FROM FREEZING. Do not store above 100° F.

INGREDIENTS: Water, polymeric resin, silica derivate, diethylene glycol monoethyl ether, and propylene glycol.

Please recycle container when empty.