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DIVINE
FLOORING

BOND™ ACOUSTICAL

Polymer Based Wood Flooring Adhesive | Contains 3 gallons, 11.63 litres

PRODUCT DESCRIPTION: Bond™ Acoustical is an advanced formula, unique polymer 4-in-1 adhesive designed for professional wood flooring installation. It replaces isocyanate-containing urethane adhesives which can etch flooring surfaces. It is ozone and environmentally safe since it has no solvents or other hazardous materials. It is certified 'green' and qualifies for LEED credits. And it meets ASTM standards for sound and impact noise control. Long open time allows for easy installations. Since there is no water or solvent present, it will not cause dimensional changes to wood flooring. Bond™ Acoustical offers superior flexibility and moisture-mitigating capability.

The adhesive spreads easily and has a non-slump formula that will help insure contact and adhesive transfer. It allows fast installation even with complicated patterns due to its strong green grab. There is no flash time required, so installation can commence immediately. Rolling is neither required nor recommended. It offers superior flexibility and is designed to keep the flooring in place, yet allow for normal movement during seasonal changes to the flooring.

PRE-INSTALLATION CHECKLIST: A successful installation requires proper preparation of the sub floor. Read and understand all applicable guidelines and technical data sheets before installation. Follow industry standards and flooring manufacturer's recommendations for sub floor moisture content, design, layout and application of flooring materials. All slab constructions must meet the specific requirements of the floor covering to be installed.

SUB FLOOR EXAMINATION: Prior to installation, the sub floor must be checked according to applicable installation guidelines. It must be solid and sound, flat, permanently dry, clean, free of chaps, indentations and anti-adherents, as well as resistant to pressure and tension. Moisture content of all floors must be measured before installation.

SUB FLOOR PREPARATION: Depending on type and condition of sub floor, a mechanical treatment (e.g. mechanical brushing, grinding or sanding) may be required. Intensity of such work must be determined at the site by the installer. Dust, paint, residual adhesives or other surface pollution must be removed by suitable means. Cleaning the surface with an industrial vacuum cleaner is recommended. Cracks and gaps must be filled with concrete crack filler unless they are expansion joints. Level when necessary to 3/16 inches within 10 feet. Heated sub floors must be primed.

INSTALLATION PROCEDURE: Spread the adhesive with the appropriate notched trowel. Avoid excessive adhesive thickness by passing the trowel evenly through the adhesive at a 45 degree angle. There is no flash time, so installation should begin immediately. Lay the flooring into the adhesive, correctly position it and press down firmly. Rolling is neither required nor recommended. Be sure to check the boards at regular intervals to make certain good adhesive transfer from sub floor to flooring is achieved. Bowed boards or boards over low spots should be weighted down until the adhesive cures.

LIMITATIONS: When using other than Bond™ Acoustical products in combination with Bond™ Acoustical primers, sealers, leveling compounds, or

adhesives, we deny any and all responsibility for any ensuing problems and/or damages without prior written permission from Divine Flooring. In case of accident, injury, spill or exposure, see SDS sheet for information.

Consult technical data sheet at divinefloor.com for updated information.

GENERAL FEATURES: LEED qualified, contains no isocyanates, contains no water, contains no solvents, contains no VOC, certified "green", certified "very low emission", non-flammable, high solids content, ozone friendly, moisture and sound barrier in one step process, freeze/thaw stable, bridges cracks

INSTALLATION FEATURES: wet lay - no flash time required, strong green grab, non-slump formula, bridges normal sub floor variations, eliminates hollow spots, very low odor, cleans with acetone, no rolling required, does not cause cupping of wood flooring, long open time spreads easily, higher temp & RH will shorten drying time

LONG TERM FEATURES: resistant against aging, remains elastic, sound reduction: STC & IIC @ 72/74 dB, moisture barrier up to 14# or 92% RH suitable for radiant heat systems with primer, allows normal dimensional changes in wood flooring, adhesive is waterproof when cured, No health hazards

APPROVED SUB FLOORS: Concrete Slabs, OSB (underlayment grade), Plywood (underlayment grade), Ceramic Tiles, Stone, Terrazzo, Cured Leveling Compounds, Radiant Heated Sub Floors, Wet Concrete Slab up to 14#/24hrs/1,000SF and 92% RH

APPROVED PRIMERS, SEALERS: not normally required, contact Divine Technical Services for details on approved primers & sealers

APPROVED LEVELING COMPOUNDS: Use a moisture resistant urethane leveling compound

APPROVED TROWELS AND SPREAD RATE: Moisture Barrier-#12: up to 35 SF/gal. Clip-on trowel blade supplied with pail (must use one per pail)



CURE TIME UNTIL NORMAL TRAFFIC: approx. 48 hours

CLEAN-UP: Use acetone while wet, use plastic scraper and terry cloth when dry

TEMPERATURE RANGE DURING INSTALLATION: 50°-90°F

RELATIVE HUMIDITY RANGE DURING INSTALLATION: 30% - 80%

SHELF LIFE: 12 Months in original, unopened container

OpenTime	30% R/H	50% R/H	80% R/H
50°F/10°C	2 1/2 hours	2 hours	1 1/2 hours
70°F/21°C	1 3/4 hours	1 1/4 hours	1 hour
90°F/32°C	1 hour	50 mins.	40 mins.



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