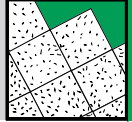




ULTRA/BOND ECO 600

SOLVENT-FREE FAST-SETTING BLACK
THIN SPREAD ADHESIVE



DESCRIPTION

A latex-based, black thin spread asphalt emulsion adhesive for the installation of vinyl composition tiles (VCT) over good quality underlayment surfaces including properly prepared existing cutback adhesive residue and existing VCT. Recommended for all grade levels. Excellent coverage. Reduces total installation cost.

USES

1. For the installation of vinyl composition tile.

LIMITATIONS

1. For interior installations only.
2. Do not use for the installation of solid vinyl or rubber flooring. Use ULTRA/BOND ECO 300, ECO 350, G19 or G21 (see data sheets for details).
3. Do not use when the substrate temperature is below 50°F (10°C) or above 90°F (32°C), or when relative humidity exceeds 65%.
4. Do not apply directly over gypsum based substrates.

RECOMMENDED SUBSTRATES

- Any wood underlayment that is recommended or guaranteed by either the wood underlayment manufacturer or the floor covering manufacturer, such as Exterior grade plywood, Group 1, CC type.
- Fully cured concrete.
- Properly prepared cement terazzo.
- Properly prepared existing vinyl composition tile (limited to one layer).

Note: It is recommended that all concrete slabs be tested for moisture. If moisture vapor emission exceeds 5 lbs./1000 sq. ft. (2,27 kg/92,9 m²) per 24 hours, using the anhydrous calcium chloride test, this adhesive must not be used.

SETTING INSTRUCTIONS

1. SURFACE PREPARATION

SEE "SURFACE PREPARATION" SHEET.

2. MIXING

ECO 600 is ready to use. No mixing is required. Simply open the container and spread. ECO 600 may be poured from container.

3. APPLICATION

- 3.1 Use the recommended notched trowels (see technical data table) with sufficient depth to ensure that at least 90% of the adhesive transfers to flooring material backing. Follow floor covering manufacturer's recommendation regarding proper trowel to use.
- 3.2 Spread adhesive evenly. Special care must be taken for installation of vinyl composition tiles requiring a "wet look finish". To limit the telegraphing of the adhesives lines, it is recommended that a 1/32" x 1/16" x 1/32" (0,8 x 1,6 x 0,8 mm) U-notched trowel be used to apply the adhesive. Then roll the freshly applied adhesive with a good quality short nap paint roller.
- 3.3 Install tiles on dry adhesive film (no transfer to the finger tip when touched). Proper adhesive transfer to the backing should be confirmed periodically by lifting the material.
- 3.4 Roll flooring surface backward across width and length with the manufacturer's recommended roller, to break down adhesive ridges and to ensure removal of entrapped air.
- 3.5 Complete installation as per tile manufacturer's instructions.
- 3.6 Promptly clean adhesive smudges from vinyl composition tile surface with water while adhesive is still fresh and with floor paste wax when dried.
- 3.7 Promptly wash tools and hands with water while adhesive is still fresh.

4. EXPANSION AND CONTROL JOINTS

- 4.1 Provide for expansion and control joints where specified.
- 4.2 Do not cover any expansion joints with adhesive.
- 4.3 Cut vinyl composition tile on both sides along the edges of expansion joints.
- 4.4 Insert the specified compressible bead and sealant for expansion and control joints, according to plans and specifications.

TECHNICAL DATA

Drying time at 72°F (22°C)	
50% relative humidity	Up to 30 minutes (depending upon trowel used)
Freeze-thaw stability at 0°F (-18°C)	Protect from freezing
Flash point	Non-flammable
Maximum tolerance of moisture vapor emission from the concrete slab (using the anhydrous calcium chloride test)	5 lbs. per 1000 sq. ft. (2,27 kg/92,9 m ²) per 24 hours
pH	Approx. 9,5
Cleanability	With water while fresh, with floor paste wax when dried.
Color	Black
Consistency	Buttery

PACKAGING

Pails: 1 US qt. (945 mL); 1 US gal. (3,7 L); 3.96 US gal. (15 L)

SHELF LIFE

12 months when stored in original containers at room temperature in a dry heated area.

APPROXIMATE COVERAGE

Typical Recommended Trowel (depth, width, space)

1/32" x 1/16" x 1/32" (0,8 x 1,6 x 0,8 mm)	185 - 245 sq. ft./US gal. (4,5 - 6,0 m ² /L)
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NOTE

Quantities shown are approximate and given for estimating purposes only. Actual job site coverages may vary according to substrate conditions, type of trowel used and setting practices.

HEALTH AND SAFETY

Consult the material safety data sheet for more information.

5. PROTECTION

- 5.1 Protect containers from freezing in transit and storage.
- 5.2 Provide for heated storage on site and deliver all materials at least 24 hours before work begins.
- 5.3 Restrict traffic for 24 hours to allow proper adhesive set-up.

NOTICE

We shall not be liable for incidental and consequential damages, as defined under the uniform commercial code, directly or indirectly sustained, nor for any loss caused by application of these goods not in accordance with current printed instruction or for other than the intended use. Before using, user shall determine the suitability of the product for its intended use and user alone assumes all risks and liability whatsoever in connection therewith. Our liability is expressly limited to replacement of defective goods. Any claim shall be deemed waived unless made in writing to us within thirty (30) days from date it was, or reasonably should have been discovered.

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