

ENHANCE®

SURFACE BOND PROMOTER & ENCAPSULATOR

SIGNATURE LINE®

TECHNICAL DATA SHEET

January 2022
Version 1.0

RESIDENTIAL | MULTI-FAMILY | LIGHT COMMERCIAL | **HEAVY COMMERCIAL**

OPTIONAL - WHEN USED AS PART OF A GLUE-DOWN FLOORING SYSTEM:

- STEP 1 - APPLY TAYLOR SAHARA® AND ALLOW IT TO FULLY CURE
- STEP 2 - APPLY TAYLOR ENHANCE® AND ALLOW IT TO FULLY CURE
- STEP 3 - APPLY TAYLOR ADHESIVE AND INSTALL FLOORING

DESCRIPTION

Take your job site to the next level with Enhance. It's multi-functioning capabilities tackle many tough challenges such as detackifying or encapsulating existing adhesive residue, including cutback. Even difficult-to-bond substrates are no match for the textured surface profile Enhance provides.

APPROVED SUBSTRATES & SURFACES

- APA underlayment grade plywood and OSB
- Association grade particleboard
- Cement backer board
- Cementitious and anhydrite screeds
- Concrete and radiant heated subfloors that do not exceed 85°F (30°C)
- Gypsum and lightweight concrete
- Terrazzo (properly prepared with all waxes and surface finishes removed)
- Well-bonded residue from cutback adhesives
- Well-bonded residue from multipurpose, latex, and pressure sensitive adhesives
- TAYLOR Sahara®

SUBSTRATE TESTING

RH - 90% [ASTM F2170]

pH - No Testing Required: 5-14

MVER - 8 lbs

SUBSTRATE & SURFACE PREPARATION

Follow flooring manufacturer's guidelines. Substrate must be prepared per ASTM F710 standards including, but not limited to the following:

1. Concrete floors must be dry, clean, smooth and structurally sound. They shall be free of any foreign materials that might prevent proper absorption, including dust, dirt, solvent, paint, wax, oil, grease, residual adhesive, adhesive removers, incompatible sealers, fire-retardant chemicals, fungicides, release agents, alkaline salts, excessive carbonation, laitance, mold, mildew, and curing, sealing, hardening or parting compounds, or unapproved admixtures.
 - Fill all surface cracks, grooves, depressions, control joints and non-moving joints with moisture resistant patching and self-leveling compounds, allow to fully cure and correct high spots before application.
 - When installing over radiant heated subfloors, turn the heat off for 24 hours before, during and after installation. Failure to turn the heat off may result in shortened working time of the adhesive. When turning radiant heat back on, raise it incrementally, not to exceed a change of more than 5 degrees per hour to a maximum of 85°F (29°C).
2. The substrate or surface and product must be acclimated in an enclosed building with the HVAC operational between 60-95°F (15.5-35°C), and between 30-65% relative humidity, for at least 72 hours before, during and after the installation.
 - When used as a bond promoter over TAYLOR Sahara or other difficult-to-bond surfaces (see 1, 2 above) **PLUS:**
 - Topical coatings must be fully cured and all grooves, pinholes, chips, holes, depressions and irregularities must be properly addressed prior to application.



TAYLOR TECHNICAL SERVICES

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TAYLOR
WITH YOU EVERY STEP™

- When used as a bond promoter over porous substrates (see 1, 2 above) **PLUS:**
 - Must be prepared per ASTM F710 standards including:
 - Fill all surface cracks, grooves, depressions, control joints and non-moving joints with moisture-resistant patching and self-leveling compounds, allow to fully cure and correct high spots before applying product.
- When used as an encapsulator for existing, well-bonded, adhesive/cutback residue (see 1, 2 above) **PLUS:**
 - Adhesive ridges and high spots must be knocked down to a smooth, thin film and loose material removed prior to application.

APPLICATION INSTRUCTIONS

Follow flooring manufacturer's guidelines for layout, design and any special precautions for installation.


1. Mix or stir product before use.
2. Spread product using required tool.
 - Cure time -1-2 hours under acceptable temperature and humidity conditions.
3. (Optional) When used with TAYLOR Sahara, apply Sahara and allow it to fully cure prior to application (see technical data sheet for Sahara).

PRECAUTIONARY NOTES:

- Allow product to fully cure prior to applying adhesive.
- Reseal lid when not in use to protect product.

REQUIRED TOOLS AND COVERAGE

*Trowel dimensions are width X depth X spacing. Coverage is approximate and may vary depending on porosity of substrate and the angle at which the trowel is held.

FLOORING TYPES	TOOL* (IMAGES NOT TO SCALE)		ESTIMATED COVERAGE
BOND ONLY			
For use under all glue-down, loose-lay, and floating floors	1/2" Short Nap Paint Roller		Up to 250 ft ² /gal

*It is the sole responsibility of the contractor/installer to determine the proper porosity of the subfloor, apply the correct amount of adhesive for the job conditions and ensure that all instructions, procedures and practices are strictly adhered to.

CLEANING INSTRUCTIONS

While product is still wet: use a damp cloth and water to remove.

While product is still soft: use approved adhesive remover/stripper, denatured alcohol or mineral spirits. Always check compatibility on a piece of scrap flooring.

STORAGE

Store unopened between 50-90°F. While this product is freeze-thaw stable, it is necessary to protect it from freezing. Freeze/thaw stable to 10°F.

Shelf life: 1 year.

CAUTION

DO NOT take internally. If swallowed, DO NOT induce vomiting. Call a physician immediately. KEEP OUT OF REACH OF CHILDREN. For more information, refer to SDS (safety data sheet) at tayloradhesives.com.

WARRANTY INFORMATION

For warranty information, call Technical Services at **706-712-5823**, visit us on the web at **www.tayloradhesives.com** or e-mail us at **tech@tayloradhesives.com**. Flooring manufacturer's and Taylor's written pre-installation and installation instructions must be strictly followed or the Taylor warranty will be void.

ENHANCE PRODUCT INFORMATION		
PRODUCT CHARACTERISTICS	Product Classification	Encapsulator/Bond Promoter
	Base Chemistry	STPE polymer-based (Hybrid Propel®)
	Curing Method	Moisture cure
	Appearance/Color	Off white
	Odor	Extremely low
	Consistency	Medium viscosity fluid
	Application	Easy rolling
	Flammability	Non-flammable
	Freeze/Thaw	Stable to 10°F (-12°C) [5 cycles]
	Shelf Life [Unopened Container at 70°F]	1 year
TESTING	Moisture Control	No
	RH [ASTM F2170]	90%
	pH	No testing required (5-14)
	MVER [ASTM F1869]	8 lbs
	Porosity [ASTM F3191]	N/A
TIME	Open Time	N/A
	Flash Time	N/A
	Working Time	N/A
	Cure Time	1-2 hrs
	Pot Life	N/A
TRAFFIC	Light Traffic	N/A
	Heavy Traffic	N/A
	Heavy Rolling Loads	N/A
ACOUSTICS*	STC	N/A
	IIC	N/A
	Delta IIC	N/A
SUSTAINABILITY	Solvents	No
	Isocyanates	No
	VOC Wet Applied [g/L] [SCAQMD Rule #1168]	< 0.05 g/L
	Bio-Based Content	No
	Post-Consumer Recycled Content	No
	Mineral Abundant Content	Yes
	LEED v4/4.1 Points	Contributes to low emitting materials
	Certifications	FloorScore®, Green Label Plus®, GREENGUARD®
Transparency	mindful MATERIALS Library	
WARRANTY**	Duration (non CFI Certified)	10-Year Performance Warranty
	Duration (CFI Certified)	Lifetime Performance Warranty
	Coverage	Product Performance

*IIC (delta) and STC (delta) ranges are flooring assembly specific based on third party testing and verification in a controlled environment. For any questions or further information, please contact Taylor Technical at 706-712-5823.

**For warranty information, view Product Warranty Certificate.