

INSTRUCTIONS WHEN USING WITH ENHANCE®

- STEP 1.** SAHARA® moisture vapor barrier
- STEP 2.** ENHANCE™ bond promoter (see tech data sheet for Enhance™)
- STEP 3.** TAYLOR™ Adhesive



FEATURING NO MOISTURE TESTING

DESCRIPTION

When you need complete peace of mind, SAHARA® covers all your bases. Engineered to combat extreme moisture installations, it is one of the most aggressive moisture vapor barrier products on the market. Sahara® can solidify your construction timeline by eliminating the need for costly moisture testing.

APPROVED SUBSTRATES

- Cementitious and anhydrite screeds
- Concrete and radiant heated subfloors that do not exceed 85°F (30°C)

SUBSTRATE TESTING

- RH** - No testing required [ASTM F2170]
- pH** - No testing required (5-14)
- MVER** - No testing required [ASTM F1869]
- Porosity** - Must pass ASTM F3191

SUBSTRATE PREPARATION

- Substrate must be prepared per ASTM F710 standards including, but not limited to the following:
- 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.
 - 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.
 - The substrate or surface, Sahara® (Enhance™ and flooring if applicable) must be acclimated in an enclosed building with the HVAC operational between 60-95°F (15-35°C), and between 30-65% relative humidity, for at least 72 hours before, during and after the installation.
 - When installing over radiant heated subfloors, turn the heat off for 24 hours before, during and after installation. 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°.

PRECAUTIONARY NOTES:

- Concrete must be placed in strict accordance with applicable standards and specifications. An intact moisture vapor retarder must be present below the concrete (see ASTM E1745), must be fully cured (at least 45 days), porous (see ASTM F3191) and without hydrostatic pressure.
- Concrete must be a minimum of 2500 psi and without visible or standing water.

See next page for Substrate Preparation and Application Instructions

APPLICATION INSTRUCTIONS

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


1. Spread Sahara® using required tool (see tool chart on page 2).
 - Spread Sahara® with a slow, smooth, even motion to achieve best results.
 - Sahara® is self-leveling and will flow and pool in low spots. If grooves, depressions or other indentations are greater than 1/8", refer to ASTM F710.
 - Cure time is approximately 8 hrs under acceptable temperature and humidity conditions.
2. (Optional) When using product for glue-down flooring applications, use Taylor Enhance™ as a bond promoter before applying Taylor™ adhesive. See technical data sheet for Enhance™ for complete application instructions.

PRECAUTIONARY NOTES:

- Reseal lid when not in use to protect product.

REQUIRED TOOL 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.

Tool* (images not to scale)		Estimated Coverage
1/8" x 1/8" x 1/16" (3.2mm x 3.2mm x 1.6mm) V Notch		Up to 120 sf/gal

It is the sole responsibility of the contractor/installer to determine the proper porosity of the subfloor, apply the proper amount of product 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 Taylor Touchdown #9 adhesive remover/stripper, denatured alcohol or mineral spirits. Always check compatibility on a piece of scrap flooring.

See next page for Product Characteristics

PRODUCT CHARACTERISTICS

Product Classification	Modified urethane (isocyanate free)
Base Chemistry	STPE polymer-based (Hybrid Propel®)
Curing Method	Moisture cure
Appearance	Translucent liquid
Consistency	Low viscosity fluid
Application	Easy troweling
Flammability	Non-flammable
Freeze/Thaw	Stable to 10°F (-12°C)
Shelf Life	1 year
Moisture Control	Protects flooring against unlimited moisture
RH	No testing required
pH	No testing required (5-14)
MVER	No testing required
Open Time	N/A
Dry Time	N/A
Working Time	N/A
Cure Time	8 hrs
Pot Life	N/A
Light Traffic	N/A
Heavy Traffic	N/A
Heavy Rolling Loads	N/A
Solvents	None
Isocyanates	None
VOC (g/L) - SCAQMD Rule#1168	0.05
LEED Points	Contributes to low emitting materials
Certifications	Greenguard, FloorScore, CRI Green Label Plus
IIC (Delta)	N/A
STC (Delta)	N/A

MOISTURE

TIME

TRAFFIC

SUSTAINABILITY

ACOUSTICS

STORAGE

This product should be stored at temperatures between 50-90°F (15-32° C). While this product is freeze-thaw stable, it is necessary to protect it from freezing. Freeze/thaw stable to 10°F (-12°C).

CAUTION

DO NOT take internally. If swallowed, DO NOT induce vomiting. Call a physician immediately. KEEP OUT OF REACH OF CHILDREN.

WARRANTY INFORMATION

For warranty information, call Technical Services at **(800) 868-4583, Ext: 2221**, visit us on the web at **www.taylor.com** or e-mail us at **tech@taylor.com**. Flooring manufacturer's and Taylor's written pre-installation and installation instructions must be strictly followed or the Taylor warranty will be void.