



TRACTION

3545 | SUBFLOOR GRIP COATING

Technical Data Sheet



- RESIDENTIAL
- MULTIFAMILY
- LIGHT COMMERCIAL
- HEAVY COMMERCIAL

DESCRIPTION

Traction is a non-skid coating designed to install loose lay LVT, LVP over approved subfloors.

APPROVED FLOORING TYPES

Fiberglass reinforced loose lay LVP/LVT and locking SPC/WPC with a minimum thickness of 4.5mm.

APPROVED SUBSTRATES & SURFACES

- Concrete and radiant heated subfloors that do not exceed 85°F.
- Gypsum and light weight concrete (two coats of Traction recommended).
- APA underlayment grade plywood and OSB (two coats of Traction recommended).

Precautionary Notes:

- Avoid using in wet areas such as showers.
- This product is not an adhesive and will not correct irregularities in the flooring or substrate.
- LVP/LVT products must be dimensionally stable.

SUBSTRATE TESTING

Coatings	One Coat	Two Coats
RH [ASTM F2170]	85% RH	90% RH
pH [ASTM F710]	5-12 pH	5-12 pH
MVER [ASTM F1869]	5 lbs MVER	10 lbs MVER
Porosity [ASTM F3191]	CSP 1+	CSP 1+

SUBSTRATE & SURFACE PREPARATION

- All substrates or surfaces must be prepared per ASTM F710 standards including, but not limited to the following:
 - Concrete floors must be dry, clean, smooth, flat, 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).
- The substrate (or surface), this product (Traction), and the flooring that follows 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 permanently after the installation.
 - When used as an anti-skid coating only (see 1, 2).

SUBSTRATE & SURFACE PREPARATION (continued)

- When used as an anti-skid coating plus concrete moisture vapor barrier (see 1, 2). PLUS: substrate must be porous per ASTM F3191.

Precautionary Notes:

- 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), without hydrostatic pressure, without pressurized liquid from any source, and free of surface alkaline salt crystallization.
- Concrete must be a minimum of 2,500 psi and without visible or standing water.

APPLICATION INSTRUCTIONS

- Follow flooring manufacturer's guidelines for layout, design and any special precautions for installation. Spread product using required tool (see tool chart below). Product can be used as a 1- or 2-coat system.
- When used as a two-coat system, allow the first coat to fully cure before applying the second coat perpendicular to the first coat.
 - Cure time is approximately 2 hours per coat under acceptable temperature and humidity conditions.
 - Flooring must be installed within 24 hours (if jobsite is exposed to dust, flooring must be installed immediately after product is cured).

Precautionary Notes:

- Allow Traction to fully cure (dry to the touch with no transfer) before applying any product over top.
- If dust or grit accumulates on the surface prior to flooring installation, use a vacuum or damp mop (not wet) to remove contamination.
- Reseal lid when not in use to protect product.

CLEANING INSTRUCTIONS

- While product is still wet: Use a damp cloth and water to remove.
- While product is dry: Use a remover/stripper, denatured alcohol or mineral spirits. Always check compatibility on a piece of scrap flooring.

STORAGE

This product should be stored at temperatures between 50-90°F (15-32°C). PROTECT FROM FREEZING.

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 toll-free at (800) 492-8722 and visit us online at urbansurfaces.com. Urban Surfaces' written pre-installation and installation instructions must be strictly followed or the Urban Surfaces warranty will be void.

REQUIRED TOOLS AND COVERAGE

APPROVED FLOORING TYPES	TOOLS*	ESTIMATED COVERAGE**
Fiberglass reinforced loose lay LVP/LVT	 3/8" Short Nap Paint Roller	~ 350 sqft/gal (1 coat) ~ 200 sqft/gal (2 coats)

*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. **Coverage is approximate and may vary depending on porosity of substrate.



PRODUCT CHARACTERISTICS

Product Classification	Anti-Skid Substrate Coating For Looselay and Floating Floor Installation
Base Chemistry	Synthetic Latex Blend
Curing Method	Evaporation
Appearance/Color	Off-White (Wet), Clear/Translucent (Dry)
Odor	Extremely Low
Consistency	Light, Low Viscosity Liquid
Application	Easy Rolling
Flammability	Non-Flammable
Freeze/Thaw	Protect From Freezing
Shelf Life [Unopened Container at 70°F]	1 Year

TESTING

Moisture Control	Protects Flooring from 85% RH (1 Coat) or 90% RH (2 Coats) Substrate MVER
RH [ASTM F2170]	85% (1 Coat); 90% (2 Coats)
pH	5-12
MVER [ASTM F1869]	5 lbs (1 Coat); 10 lbs (2 Coats)
Porosity [ASTM F3191]	Must Pass (CSP 1+)

TIME

Open Time	N/A
Flash Time	N/A
Working Time	N/A
Cure Time	2 hr per Coat
Pot Life	N/A

TRAFFIC

Light Traffic	N/A
Heavy Traffic	N/A
Heavy Rolling Loads	N/A

ACCOUSTICS*

STC	N/A
IIC	N/A
Delta ΔIIC	N/A

SUSTAINABILITY

Solvents	No
Isocyanates	No
VOC Wet Applied [g/L] [SCAQMD Rule #1168]	< 1 g/L
Bio-Based Content	No
Post-Consumer Recycled Content	No
Mineral Abundant Content	No
LEED v4/4.1 Points	Pending
Certifications	FloorScore
Transparency	USGBC Member

WARRANTY**

Duration	10-Year Performance Warranty
Coverage	Product Performance, 85-90% Substrate Moisture Vapor

*IIC (delta) and STC (delta) ranges are flooring assembly specific based on third party testing and verification in a controlled environment. **For warranty information, view Product Warranty Certificate. | For any questions or further information, please contact Urban Surfaces. (800) 492-8722 | info@urbansurfaces.com | urbansurfaces.com