

APPROVED SUBSTRATES & SURFACES

- APA underlayment grade plywood and OSB
- Association grade particleboard
- Cement backer board
- Concrete and radiant heated subfloors that do not exceed 85°F (30°C)
- Gypsum and lightweight concrete

SUBSTRATE TESTING

RH - 75% [ASTM F2170]

pH - NTR 5-14

MVER - 5 lbs [ASTM F1869]

Porosity - CSP 1+, must pass [ASTM F3191]

SUBSTRATE AND SURFACE PREPERATION

- All substrates or surfaces must be level, 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.
- The substrate or surface and TuffGRIP LSF Primer (and adhesive and flooring if applicable) must be acclimated in an enclosed building with the HVAC operational between 60-95°F, and between 30-65% relative humidity, for at least 72 hours before, during and after the installation.

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.

APPLICATION INSTRUCTIONS

Follow flooring manufacturer's guidelines for layout, design and any special precautions for installation. READY TO USE, DO NOT DILUTE.

1. Spread product using required tool.

- Cure time ~ 30-60 minutes under acceptable temperature and humidity conditions

PRECAUTIONARY NOTES:

- Allow product to fully cure (dry to the touch) before applying any adhesive over top.
- 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
PRIMER ONLY			
For use under all glue-down, loose-lay, and floating floors	3/8" Short Nap Paint Roller		300-450 ft²/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 dry cloth immediately to remove any excess adhesive from the surface of the wood.

While product is still soft: 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 at 877-238-3225, visit us on the web at www.my-nfp.com or e-mail us at customerservice@nationalflooringproducts.com. Flooring manufacturer's and National Flooring Products written pre-installation and installation instructions must be strictly followed or the National Flooring Products warranty will be void.

PRODUCT INFORMATION

PRODUCT CHARACTERISTICS	Product Classification	Universal Latex Primer Coating
	Base Chemistry	Acrylic Latex
	Curing Method	Evaporation
	Appearance/Color	Milky-white
	Odor	Extremely low
	Consistency	Liquid
	Application	Easy rolling
	Flammability	Non-flammable
	Freeze/Thaw	Protect from freezing
	Shelf Life [Unopened Container at 70°F]	2 years
TESTING	Moisture Control	No
	RH [ASTM F2170]	75%
	pH	NTR 5-14
	MVER [ASTM F1869]	5 lbs
	Porosity [ASTM F3191]	N/A
TIME	Open Time	N/A
	Flash Time	N/A
	Working Time	N/A
	Cure Time	30-60 min
	Pot Life	N/A
TRAFFIC	Light Traffic	N/A
	Heavy Traffic	N/A
	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 g/L
	Bio-Based Content	No
	Post-Consumer Recycled Content	No
	Mineral Abundant Content	No
	LEED v4/4.1 Points	Contributes to low emitting materials
	Certifications	FloorScore®, Green Label Plus®, GREENGUARD®
	Transparency	N/A
WARRANTY**	Duration	10-Year 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 National Flooring Products Technical at 877-238-3225.

**For warranty information, view Product Warranty Certificate.