



TECHNICAL DATA SHEET

DESCRIPTION

Phalanx PR is a universal synthetic latex primer formulated to be used on Gypcrete, Plywood and OSB, over Floor Patches, and Acoustical Concrete to ensure no over-absorption of adhesives and a strong bond. A better bond, protection from alkalinity, no over-absorption of adhesives. *Phalanx PR* is the only primer you need.

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 & SURFACE PREPARATION

- 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 *Phalanx PR* (and LW Flooring 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.

REQUIRED TOOLS	
	For use under all glue-down, loose-lay, and floating floors
3/8" Short Nap Paint Roller 300-450 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 the 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 **LW FLOORING** at **(352) 328-7491**, or visit us online at **www.lwflooring.com**. LW Flooring's written pre-installation and installation instructions must be strictly followed or the **LW FLOORING** warranty will be void.

Phalanx PR 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
	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 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®, GREENGUARD®, Carpet & Rug Institute
Transparency	USGBC Member	
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 LW Flooring at (352) 328-7491. **For warranty information, view Product Warranty Certificate