



APPROVED FLOORING TYPES

WOOD: Acrylic Infused Plank, Bamboo (not strand woven), **Cork** (flooring, cork-backed hard surface, underlayment), **Hardwood** (engineered, parquet, solid) **RESILIENT: Rubber** (crumb)

DESCRIPTION

NEXT900 is designed to protect flooring from substrate moisture without requiring any moisture or pH testing. It can easily install several flooring types including: solid (shorts) and engineered wood, parquet, and bamboo (not strand woven). This one-part, moisture-cured polyurethane is low VOC and low odor.

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)
- Existing well-bonded non-cushion-backed vinyl, tile, and sheet flooring
- Fully secured cork underlayments
- Gypsum and lightweight concrete
- Terrazzo (properly prepared with all waxes and surface finishes removed)

SUBSTRATE TESTING

RH - No testing required [ASTM F2170]

PH - No testing required: 5-14

MVER - No testing required [ASTM F1869]

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

PRECAUTIONARY NOTE:

- Moisture protection available only when using moisture barrier trowels.

SUBSTRATE & SURFACE PREPARATION

Follow Next Floors guidelines. 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 adhesive bond, including dust, dirt, solvent, paint, wax, oil, grease, contaminants from sweeping compounds, 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 adhesive.
- The substrate, adhesive and flooring must be acclimated in an enclosed building with the HVAC operational at service temperature, between 60-95°F (15-35°C), and between 30-65% relative humidity, for at least 72 hours prior to, during, and permanently after installation.
- 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).
- Wood underlayments must have a moisture content below 12% using a Tramex or Delmhorst moisture meter.



SUBSTRATE & SURFACE PREPARATION

CONTINUED

PRECAUTIONARY NOTES:

- When installing thin-gauge wood (solid or engineered), irregular substrates may telegraph through as adhesive pulls wood down during curing stages. Therefore, substrates must be properly leveled (see ASTM F710) to prevent telegraphing.
- 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), without hydrostatic pressure, without pressurized liquid from any source, and free of surface alkaline salt crystallization.
- When used as a concrete moisture vapor barrier, substrate must be porous per ASTM F3191.
- Flooring must be acclimated per manufacturer's guidelines.

APPLICATION INSTRUCTIONS

Follow Next Floor guidelines for layout, design and any special precautions for installation. Be sure to wear appropriate personal protective equipment (rubber gloves and eye protection, see SDS for details).

1. Spread adhesive using required tools (see tool chart below).
2. Wait 10 min after adhesive is spread, install flooring per instructions below, dependent upon flooring type. Working time is ~45-60 min under acceptable temperature and humidity conditions. Periodically lift flooring material to verify 100% transfer of adhesive (if transfer is not achieved, remove dried adhesive and reapply).
 - Acrylic Infused Plank, Bamboo, cork-backed hard surface, Hardwood (engineered, parquet, solid)
 - Secure initial row with approved blue tape to limit movement and hold patterns (tape strap joints as needed). When installing near a solid object or wall, use wedges to allow for expansion (allow 2 hours before removing wedges).
 - Cork (flooring, underlayment), Rubber (crumb)
 - Use hand roller to work out trapped air (center to edge). Do not walk, kneel, or work directly on top of flooring without the proper use of knee boards for at least 60 min after flooring is installed.
3. Immediately roll and cross floor with 75-100 lb roller within 2 hours to ensure proper adhesive transfer.







PRECAUTIONARY NOTES:

- Remove any excess adhesive from the finish of the flooring immediately to avoid damaging the finish coat.
- When installing unfinished wood flooring, wait a minimum of 72 hours before sanding.
- Thin-gauge, engineered wood and exotic species are very sensitive to job site conditions.
- 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 Type	Tool* (images not to scale)	Estimated Coverage
BOND ONLY		
WOOD: Cork (underlayment) RESILIENT: Rubber (crumb)	1/16" x 1/16" x 1/16" Sq Notch 	150-180 sf ² /gal
WOOD: Cork (flooring, underlayment) Hardwood (parquet) RESILIENT: Rubber (crumb)	1/8" x 1/8" x 1/8" Sq Notch 	60-70 ft ² /gal
WOOD for planks less than 6' long and 5" wide: Acrylic Infused Plank, Bamboo (not strand woven), Cork (flooring, cork-backed hard surface, underlayment) Hardwood (engineered, parquet, solid)	3/16" x 1/4" x 5/16" V Notch 	Up to 50 ft ² /gal
WOOD for planks greater than 6' long and 5" wide: Acrylic Infused Plank, Bamboo (not strand woven), Cork (flooring, cork-backed hard surface, underlayment) Hardwood (engineered, parquet, solid)	1/4" x 1/4" x 1/4" Sq Notch 	30-35 ft ² /gal
MOISTURE BARRIER		
WOOD flooring up to 5/8" thick (planks less than 6' long and 5" wide) Cork (flooring, underlayment)	1/4" x 1/4" V Notch 	30-35 ft ² /gal
WOOD flooring greater than 5/8" thick, multi-ply engineered plank (planks greater than 6' long and 5" wide)	1/2" x 15/32" V Notch 	20 ft ² /gal

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

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 Customer Service at **(888) 611-3382, Ext: 1**, visit us on the web at www.nextfloor.net or e-mail us at service@nextfloor.net. Flooring manufacturer's and Next Floor written pre-installation and installation instructions must be strictly followed or the Next Floor warranty will be void.



PRODUCT CHARACTERISTICS

Product Identification	Unlimited Moisture Vapor Barrier, Urethane Adhesive
Base Chemistry	Urethane
Curing Method	Moisture Cured
Appearance/ Color	Tan
Consistency	Smooth, medium viscosity liquid
Application	Easy troweling
Flammability	Non-flammable
Freeze/Thaw	Stable to 10°F (-12°C) [3 cycles]
Shelf Life [Unopened Container at 70°F]	1 years

TESTING

Moisture Control	Protects flooring from 90% substrate moisture vapor
RH [ASTM F2170]	No testing required (100%)
pH	No testing required (5-14)
MVER [ASTM F1869]	No testing required
Porosity [ASTM F3191]	Must pass (CSP 1+)

TIME

Open Time	10 min
Flash Time	N/A
Working Time	45-60 min
Cure Time	24 hrs
Pot Life	N/A

TRAFFIC

Light Traffic	24 hrs
Heavy Traffic	24 hrs
Heavy Rolling Loads	N/A

ACOUSTICS*

STC	62 dB
IIC	63 dB
Delta IIC	21 dB

SUSTAINABILITY

Solvents	No
Isocyanates	Yes
VOC Wet Applied [g/L] [SCAQMD Rule #1168]	< 25 g/L
Bio-Based Content	No
Post-Consumer Recycled Content	No
Mineral Abundant Content	No
Certifications	No
Transparency	USGBC Member

WARRANTY**

Duration (non CFI/NWFA Certified Installer)	10-Year Performance Warranty
Duration (CFI/NWFA Certified Installer)	Lifetime Performance Warranty
Coverage	Bond, 100% 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 any questions or further information please contact Next Floor Technical at service@nextfloor.net. **For warranty information, view Product Warranty Certificate.