



# OMNI

3050 | ADHESIVE & MOISTURE BARRIER

## TECHNICAL DATA SHEET



RESIDENTIAL

MULTIFAMILY

LIGHT COMMERCIAL

HEAVY COMMERCIAL

### DESCRIPTION

A commercial-grade adhesive for gluedown Luxury Vinyl Flooring which also serves as both a primer and unlimited moisture protection. Does it all in one step, no moisture testing required.

### APPROVED FLOORING TYPES

- **Resilient:** Linoleum, Modular (LVP, LVT, rigid core [dryback], SVT, VCT, VET, woven), Rubber (crumb, sheet, tile), Sheet (fiberglass, heterogeneous, homogeneous, woven), Stair Treads (rubber, vinyl).
- **Carpet:** Artificial Turf, Modular (hard-backed, soft-backed, walk-off).
- **Wood:** Cork (flooring, cork-backed hard surface, underlayment).

### 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 (porous).
- Terrazzo (properly prepared with all waxes and surface finishes removed).

### SUBSTRATE TESTING

RH [ASTM F2170]	<b>No Testing Required (100%)</b>
pH [ASTM F710]	<b>No Testing Required (5-14)</b>
MVER [ASTM F1869]	<b>No Testing Required</b>
Porosity [ASTM F3191]	<b>Must Pass, CSP 1+</b>

### SUBSTRATE & SURFACE PREPARATION

1. All substrates or surfaces must be porous per ASTM F3191 and 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 mixtures.
  - 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.
2. The substrate, any added subfloor coatings, product (Omni™), and any 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 installing over radiant heated subfloors, turn the heat off for 24 hours before, during, and 24 hours 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).

### Precautionary Notes:

- Concrete must be placed in strict accordance with applicable standards and specifications. Concrete must be fully cured (at least 45 days), 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 flooring manufacturer's guidelines for layout, design and any special precautions for installation.

1. **Spread adhesive** using required tools (see tool chart below). Adhesive ridges will dissipate, and Omni™ does not require back-rolling under normal circumstances.
2. **Install flooring** per instructions below dependent upon desired application. Do not walk, kneel, or work directly on top of flooring without the proper use of knee-boards for at least 60 minutes after flooring is installed.
  - **Tile Products**
    - Wait 10 minutes after adhesive is spread to build surface tack and reduce movement.
    - Working time is approximately 45 minutes under acceptable temperature and humidity conditions.
    - Use a hand roller and apply normal pressure to ensure proper bond.
    - Periodically lift flooring material to verify proper transfer of adhesive.
  - **Stair Treads**
    - Install flooring or stair treads immediately after adhesive is spread.
    - Working time is approximately 45 minutes under acceptable temperature and humidity conditions.
    - Periodically lift flooring material to verify proper transfer of adhesive.
3. **Roll and cross-roll floor** with 75-100 lb roller at the end of the installation to ensure proper adhesive transfer.
  - Wait a minimum of 1 hour, but no more than 2 hours, after the installation to roll and cross roll floor

### Precautionary Notes:

- Moisture protection applications must have 100% adhesive transfer.
- Use of knee-boards is required when working on top of freshly installed flooring (60+ minutes).
- Wait 6 hours before heat-welding sheet goods.
- Wait 6 hours before wet-mopping, or stripping/finishing the floor.
- 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 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. Shelf life: 1 year

### CAUTION

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



# OMNI

3050 | ADHESIVE & MOISTURE BARRIER

## TECHNICAL DATA SHEET

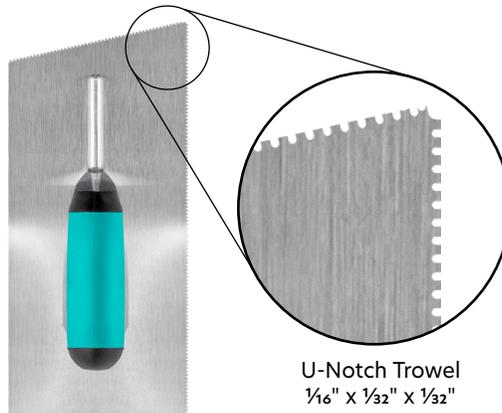


### WARRANTY INFORMATION

For warranty information, call Technical Services (toll-free) at (800) 492-8722 and visit us online at [urbansurfaces.com](http://urbansurfaces.com). Urban Surfaces' written pre-installation and installation instructions must be strictly followed or the Urban Surfaces warranty will be rendered void.



Complete your installation by rolling and cross-rolling your floors with a 75-100lb floor roller to ensure a proper bond.



U-Notch Trowel  
1/16" x 1/32" x 1/32"

### REQUIRED TOOLS AND COVERAGE

SUBSTRATE TYPE	TOOLS*	ESTIMATED COVERAGE**
Porous	 U-Notch Trowel 1/16" x 1/32" x 1/32"	~ 180-250 sqft/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. \*\*Coverage is approximate and may vary depending on porosity of substrate.

**PRODUCT CHARACTERISTICS**

Product Classification	<b>Unlimited Moisture Barrier, Hard-Set, Elastomeric Adhesive</b>
Base Chemistry	<b>Modified Urethane (Isocyanate Free)</b>
Curing Method	<b>Moisture Cure</b>
Appearance/Color	<b>Off-White</b>
Odor	<b>Extremely Low</b>
Consistency	<b>Smooth, Low Viscosity Liquid</b>
Application	<b>Easy Troweling</b>
Flammability	<b>Non-Flammable</b>
Freeze/Thaw	<b>Protect From Freezing</b>
Shelf Life [Unopened Container at 70°F]	<b>1 Year</b>

**TESTING**

Moisture Control	<b>Protects Flooring from Unlimited Moisture (100% RH) Substrate MVER &amp; Topical Liquids</b>
RH [ASTM F2170]	<b>No Testing Required (100%)</b>
pH [ASTM F710]	<b>No Testing Required (5-14)</b>
MVER [ASTM F1869]	<b>No Testing Required</b>
Porosity [ASTM F3191]	<b>Must Pass (CSP 1+)</b>

**TIME**

Open Time	<b>0 min (Sheet Goods and Stair Treads)</b>
Flash Time	<b>10 min (Tile Products)</b>
Working Time	<b>45 min</b>
Cure Time	<b>6 hrs</b>
Pot Life	<b>N/A</b>

**TRAFFIC**

Light Traffic	<b>3 hrs</b>
Heavy Traffic	<b>4 hrs</b>
Rolling Loads	<b>8 hrs</b>

**ACCOUSTICS\***

STC	<b>66 dB</b>
IIC	<b>68 dB</b>
Delta ΔIIC	<b>18 dB</b>

**SUSTAINABILITY**

Solvents	<b>No</b>
Isocyanates	<b>No</b>
VOC Wet Applied [g/L] [SCAQMD Rule #1168]	<b>&lt; 0.1 g/L</b>
Bio-Based Content	<b>No</b>
Post-Consumer Recycled Content	<b>No</b>
Mineral Abundant Content	<b>Yes</b>
LEED v4/4.1 Points	<b>Contributes to Low Emitting Materials</b>
Certifications	<b>FloorScore</b>
Transparency	<b>USGBC Member</b>

**WARRANTY\*\***

Duration	<b>10-Year Performance Warranty</b>
Coverage	<b>Bond, 100% Substrate Moisture Vapor, Topical Liquids</b>

\*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 | Revised July 10, 2025