

APPROVED FLOORING TYPES

- Carpet Tile (Hard and Soft-backed) • Cork Flooring • Cork-backed Hard Surface • Cork Underlayment • Linoleum
- LVT/LVP • Rigid Core (SPC/WPC/WSC/ETC.) • Rubber (Tile/Sheet) • Sheet (Felt-backed) • Sheet (Fiberglass)
- Sheet (Heterogeneous) • Sheet (Homogeneous) • Stair Treads (Rubber/Vinyl) • VCT • VET • Walk-off Carpet Tile

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

SUBSTRATE TESTING

- RH - No testing required (100%) [ASTM F2170]
- pH - No testing required (5-14)
- MVER - No testing required [ASTM F1869]

SUBSTRATE PREPARATION

Follow flooring manufacturer's 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, 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 between 60-95°F (15-35°C), and between 30-65% relative humidity, for at least 72 hours before, during and after the 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°.

PRECAUTIONARY NOTES:

- Concrete must be placed in strict accordance with applicable standards and specifications, must be fully cured (at least 45 days) and without hydrostatic pressure.
- Flooring must be acclimated per manufacturer's guidelines.
- When used as a concrete moisture vapor barrier, substrate must be porous per ASTM F3191.

APPLICATION INSTRUCTIONS

Follow flooring manufacturer's guidelines for layout, design and any special precautions for installation.



- Spread adhesive using required tools (see tool chart below).
 - Adhesive ridges will dissipate, and Apex Pro™ does not require back-rolling under normal circumstances.
- Install flooring per the instructions below dependent upon desired application method. (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 min under acceptable temperature and humidity conditions.
 - Use a hand roller and apply normal pressure to ensure a good bond.
 - Periodically lift flooring material to verify proper transfer of adhesive.
 - Sheet goods and stair treads
 - Install flooring or stair treads immediately after adhesive is spread.
 - Working time is approximately 45 min under acceptable temperature and humidity conditions.
 - Periodically lift flooring material to verify proper transfer of adhesive.
- Roll and cross roll floor with a 75-100 lbs (34-45 kg) roller at the end of the installation to ensure proper transfer of adhesive.
 - Wait a minimum of 1 hour, but no more than 2 hours, after the installation to roll and cross roll floor.

PRECAUTIONARY NOTES:

- Use of knee-boards is required when working on top of freshly installed flooring (60+ min).
- Wait 6 hours before heat welding sheet goods.
- Do not wet mop the floor for 6 hours after the install is complete.
- Do not strip and finish the floor for 6 hours after the install is complete.

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.

For Moisture Barrier and Sound Control Application			
Flooring Type	Tool* (images not to scale)		Estimated Coverage
LVT/LVP, VCT/VET, Carpet tile (hard- and soft-backed)	1/16" x 1/32" x 1/32" (1.6mm x .8mm x .8mm) U Notch		220-260 sf/gal
Sheet goods, Rubber tile and sheet, Linoleum, WPC/ WSC, Cork-backed hard surface, Cork flooring, Cork underlayment, Stair treads (rubber and vinyl)	1/16" x 1/16" x 1/16" (1.6mm x 1.6mm x 1.6mm) Sq Notch		150-180 sf/gal

**PRODUCT
CHARACTERISTICS**

Product Classification	Modified urethane (isocyanate free)
Base Chemistry	STPE polymer-based
Curing Method	Moisture cure
Appearance	Off white
Consistency	Smooth, low viscosity liquid
Application	Easy troweling
Flammability	Non-flammable
Freeze/Thaw	Stable to 10°F (-12°C)
Shelf Life	1 year
Moisture Control	Protects flooring against unlimited moisture
RH	No testing required (100%)
pH	No testing required (5-14)
MVER	No testing required
Open Time	0 min (Sheet goods and stair treads); 10 min (Tile products)
Dry Time	N/A
Working Time	45 min
Cure Time	6 hrs
Pot Life	N/A
Light Traffic	3 hrs
Heavy Traffic	4 hrs
Heavy Rolling Loads	8 hrs
Solvents	None
Isocyanates	None
VOC (g/L) - SCAQMD Rule#1168	0.1
LEED Points	Contributes to low emitting materials
Certifications	N/A
IIC	68 dB
STC	66 dB

MOISTURE

TIME

TRAFFIC

SUSTAINABILITY

ACOUSTICS

*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 Bruce Flooring at 1-866-243-2726.

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 Bruce Flooring at 1-866-243-2726, visit us on the web at www.bruce.com. Flooring manufacturer's and Bruce Flooring written pre-installation and installation instructions must be strictly followed or the Bruce Flooring warranty will be void.