

Purfix

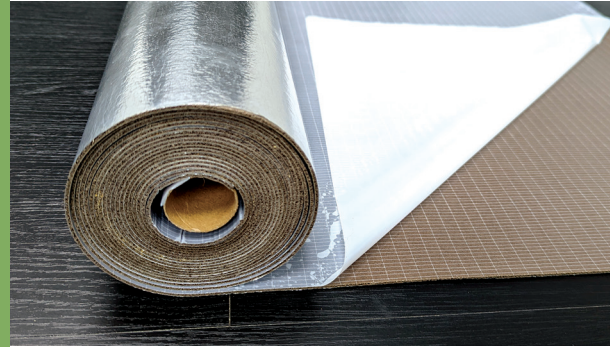
XPRESS UNDERLAY

General Information

Purfix Xpress Underlay is an acoustical underlayment with a pre-applied adhesive on one side that bonds to the floor covering, for fast and easy “floating” installations of modular dry back resilient flooring, including LVT, PVC, and bio-based polyurethane floors.

Xpress Underlay allows for immediate flooring use after installation and is suitable for use with radiant heating.

Xpress Underlay reduces walking noise and impact sound while increasing comfort underfoot. It can be installed over most subfloors in residential and light commercial settings. This underlay is suitable for underfloor heating and can be installed with up to 95% RH in the subfloor. It can also reduce the amount of subfloor preparation as it can hide subtle subfloor imperfections.



Construction

Purfix Xpress Underlay is made with *ecuran*, a sustainable high-performance composite material. It is Cradle to Cradle Silver Certified, contains 90% renewable and natural raw materials, and is manufactured in an ecologically responsible facility. It is constructed of a self-adhesive layer with pre-applied adhesive and a removable protective film, an age-resistant heavy layer of bio-based polyurethane and a moisture resistant foil backing.

Technical/Specification Data

Product Thickness	2 mm
Roll Size	3.3 feet wide X 26.2 feet long (1 meter x 8 meters) 86 ft ² (8m ²)
Roll Weight	35.3 lbs. (16 kg)
Rolls per Pallet	40 rolls

Performance	Test Method	Result
Residential and Light Commercial	EN ISO 10874	
IS - Impact Sound	DIN EN 16251-1 measured with 2.5 mm resilient flooring	Up to 16 dB (±2db)
STC - Sound Transmission Class when test with 2.5 mm resilient flooring	ASTM E413-16 ASTM E90-09	53 - When tested on 6-inch slab with no drop ceiling
IIC - Impact Insulation Class when tested with 2.5 mm resilient flooring	ASTM E989-21 ASTM E492-09	51 - When tested on 6-inch slab with no drop ceiling
HIIC - High Frequency Impact Insulation Class when tested with 2.5 mm resilient flooring	ASTM E3222-20	50 - When tested on 6inch slab with no drop ceiling
DL Dynamic Load	DIN EN 16354:2019-01	>3,000,000 cycles
R Thermal Resistance	DIN EN 16354:2019-01 Suitable for radiant heating	0.01 m2k/w
RTF Reaction to Fire	DIN EN13501-1 Excluding all coverings	Bfl-s1

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Benefits

- No additional adhesive is necessary, allowing for fast and easy floating installations
- Reduces subfloor preparation
- Hides minor subfloor imperfections
- Allows for installations on new floors with moisture content up to 95% RH
- No detectable harmful VOCs with no restrictions to the installation environment
- Can be installed over some existing floor coverings
- Installed floor can be walked on immediately after installation
- Enhances walking comfort underfoot
- Reduces impact sound and improves sound absorption
- Fast and easy removal without residue
- Excellent overall cost savings

Recommended Use

Xpress Underlay is made for use with Bio-Based Polyurethane, PVC and LVT plank and tile flooring products for gluing. It is limited to residential and light commercial installations. For further information please refer to all the manufacturer's recommendations and installation guidelines.

Sustainability

Xpress Underlay has no detectable harmful VOCs, no restrictions to the installation environment, and is free from plasticizers, asbestos, formaldehyde, halogens and heavy metals, and is the only Cradle to Cradle silver certified underlayment of its type. The product is solvent free and does not contain any ozone depleting substances. The renewable resources used in the product do not compete with food crops during growth.

Sustainability Certifications

Cradle to Cradle Silver Certified™
Health Product Declaration (HPD)



LEED v4/4.1 Contribution

Many finishing products have the potential to contribute points to LEED v4. However, the credits can only be gained when calculating the combined performance of all the products used on a particular LEED project; therefore, no single product can guarantee you will obtain LEED v4 credits. Purfix Xpress Underlay may contribute to the following LEED credits (points), the following is based on LEED NCv4/4.1:

v4 MRp2: Material and Resources – Construction & demolition waste management planning: The tiles or planks reduce waste from the installation process, reducing waste in landfills. Made from recyclable material and/or is a reusable product, reducing waste in landfills and is Cradle to Cradle Silver Certified™.

v4 MRc1: Material and Resources – Building life-cycle impact reduction: Option 3. Building and material reuse. This product is Cradle to Cradle Silver Certified™ and can be reused or salvaged from offsite or on-site as a percentage of the surface area. Note: Materials contributing toward this credit may not contribute toward MRc3.

v4 MRc4: Material and Resources – Building product disclosure and optimization: Option 1. Material ingredient reporting. Health Product Declaration (HPD).

v4 EQc2: Indoor Environmental Quality – Low emitting materials: Option 1 (Flooring). General emissions evaluation. Verified third party Cradle to Cradle Silver Certified™ certificate is available.

