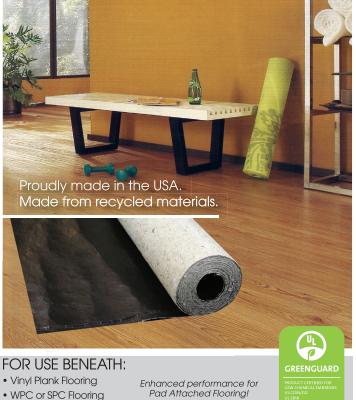
# RELUXE Premium Underlayment



- Rigid Core Vinyl
- Thin, dense fibers to support all luxury vinyl and multilayer floors. Offers uncrushing support to flooring with pad attached!
- Recycled fibers absorb sound and keep it from traveling to other rooms. Makes click-together floating floors sound solid underfoot.
- Recycled fibers allow installation over concrete to "breathe". The attached vapor barrier protects the overlying floors from harmful moisture and alkalinity.
- Provides additional comfort to the entire home during seasonal temperature changes.
- A patented manufacturing process repurposes post-industrial and post-consumer materials into high-performance underlayment. Treated with an antimicrobial to inhibit mold and mildew growth.
- No VOC's (Volatile Organic Compounds) or off-gassing from materials.



LL Flooring recommends CoreLuxe Premium Underlayment for the best support, moisture protection, and sound absorption.



## CORELUXE

### **Premium Underlayment**

#### **INSTALLATION METHODS**

#### **FLOATING FLOORS**

- 1.Roll out underlayment and flip over so vapor barrier side is facing up and butt seams together
- Apply moisture barrier seam tape, and ensure underlayment seams run perpendicular to the floor covering seams
- Click & lock floating floors over the top according to manufacturer

#### **DOUBLE GLUED DOWN FLOORS**

- 1. Double Glue Down installations are approved with flooring that is a minimum thickness of 4mm.
- Roll out underlayment and flip over so vapor barrier side is facing up and butt seams together, ensure seams run perpendicular to the flooring seams
- 2. Adhere to subfloor using pressure sensitive adhesive and recommended trowel size and install method
- 3. Roll over the underlayment with a 75 or 100 pound roller
- 4. Adhere flooring over the top using floor manufacturer's recommended adhesive and trowel size. Follow all adhesive manufacturer's instructions for appropriate bonding

\*ENSURE TO READ THE COMPLETE INSTALLATION INSTRUCTIONS BEFORE INSTALLATION

#### **APPROVED SUBSTRATES**

- Dry, completely cured concrete (at least 28 days old)
- Concrete and masonry blocks
- Cement backer units (CBU)
- Cementitious screeds, leveling coats and mortar beds
- Waterproofing and crack-isolation membranes
- Wood, plywood, or OSB subfloors that meet NWFA Subfloor
- Guidelines and Specifications, and meet applicable building codes
- Cement terrazzo floors
- Suitable with radiant heat systems

#### **SPECIFICATIONS**

- Physical Properties: Blended synthetic fibers and polyethylene film. Inert hot-melt adhesive.
- Thickness ...... 1.4mm
- R-Value(@1.4mm)0.34 hr-ft2-degF/Btu (5.75/inch)
- Compression Resistance @ 25% (ASTM D1667)2.97psi
- Compression Resistance @ 30% (ASTM D1667)6.11psi
- Compression Resistance @ 50% (ASTM D1667)64.58psi
- Compression Set @ 25% (ASTM D1668) ....... 8.8%
- WVTR ......1.31lbs / 1000 sqft / 24 Hours
- Antimicrobial Protection.....Yes

#### **SOUND PROPERTIES**

#### Impact Sound Transmission

The method is designed to measure the impact sound transmission performance of a floor-ceiling assembly in a controlled laboratory environment.

| IIC | Flooring        | Sub-floor   |
|-----|-----------------|---|
| 70  | 5mm Vinyl Plank | over a 6" concrete subfloor with a suspended ceiling assembly |
| 55  | 5mm WPC         | over a 6" concrete slab                                       |

#### **Sound Transmission Loss**

The sound-insulating property of a partition element is expressed in terms of the sound transmission loss.

| STC | Flooring        | Sub-floor  |
|-----|-----------------|--|
| 62  | 5mm Vinyl Plank | over a 6" concrete subfloor with a suspended ceiling |

#### **Delta Test**

Tests the impact insulation difference between a bare concrete subfloor with no flooring materials and the same concrete subfloor with flooring and underlayment.

| Delta IIC | Flooring                       |
|-----------|--------------------------------|
| Up to 28  | Coreluxe under 5mm Vinyl Plank |

#### **LIMITATIONS**

Coreluxe is not suitable for use as underlayment for:

- Ceramic tile Carpet
- Sheet-vinvl
  VCT

\*Commercial applications require minimum floor thickness of 4mm

Installations over concrete in high moisture areas (vapor emission rate above 6 lbs/ 1000 sq ft/ 24 hrs) will require additional protection such as a concrete sealant or polyethylene vapor barrier.

#### SUSTAINABILITY AND LEED

- Coreluxe contains post industrial/pre-consumer fibers.
- Coreluxe is LEED™ compliant and will contribute to:
  - -MRc4.1-4.2 recycled content credit
- -EQ 4.3 low-emitting materials credit
- Coreluxe is GreenGuard Gold certified

Volatile Organic Compounds (VOC) Meets low emissions standards with zero offgassing.