

COMPOSITION CORK UNDERLAYMENT

DESCRIPTION:

Composition Cork Underlayment is designed to be used under ceramic tile or hardwood flooring for sound control and stress crack protection.

USES:

1/4" (6mm) - Sound control and stress crack protection

1/2" (12mm)

1/8" (1.2mm) - For stress crack protection only

3/32" (2.4mm) - For stress crack protection only

Multi-family dwellings, Condominiums, Hotels

LIMITATIONS:

Cork Underlayment is not recommended to be used where hydrostatic pressure exist, exterior or for tiles 4 x 4 or smaller. Do not place Cork Underlayment over control joints or expansion joints.

PREPARATIONS:

Floors must be cured and free of moisture.

APPLICATION:

Apply cork adhesive according to manufacturer's instructions. Spread Cork adhesive using 1/16" x 1/16" notched trowel. Apply adhesive only to an area the cork underlayment can be set in the adhesive while it is still wet and tacky. Butt seams together, leaving a 1/4" space around all vertical abutments, fill with an appropriate acoustical sealant per manufacturer recommendation. As soon as the placement is completed, roll down the entire surface with a 70lb. linoleum type roller. Roll right angles, inside to outside. This will insure proper contact with adhesive and remove any air bubbles.

SETTING CERAMIC TILES:

Use any of the following products to install ceramic tiles over composition cork underlayment:

Flex set, Flexible Thinset mortar

Ultrapoxy, Modified Epoxy mortar

Ultra 100, 100% Solid Epoxy mortar

Ultradcrete, Multipurpose mortar

Sanded Thinset gauged with Southcrete 30 High Strength admix

Sanded Thinset gauged with Southcrete 25 Acrylic Mortar admix

Follow product information sheets for specific instructions. To grout, use the appropriate SGM grout for tile type, etc. For the installation of hardwood flooring consult manufacturer for the correct adhesive and specific installation instructions.

PACKAGING:

1/2" 09 Sq. Ft. Sheet

1/4" 400 Sq. Ft. /Roll

1/8" 800 Sq. Ft. /Roll

3/32" 1080 Sq. Ft. /Roll

TECHNICAL DATA:

PHYSICAL PROPERTIES ¼”

Density ASTM D376	12 min
Tensile ASTM F152	65 psi
Compression ASTM F36	22 max/100 psi
Recovery	75
 Mildew Resistance Test	Pass
Boiling Water Test	Pass
Thermal Conductivity “K” Factor	40/btu/sf/h/F.inch
Thermal Conductivity “R” Factor	2.6 for ¼”

Acoustical Properties with Suspended Ceiling

Ceramic Tiles	
Impact Insulation Class (IIC)	58
Impact Noise Rating (INR)	+7
Sound Transmission Class (STC)	55
 Hardwood Flooring	
Absorbs 84% of reflected sound (IIC)	58
Absorbs 69% of transmitted sound (STC)	55
INR	+2

Acoustical Properties without Suspended Ceiling Ceramic

Ceramic Tiles	
Impact Insulation Class (IIC)	49
Impact Noise Rating	-2
Sound Transmission Class (STC)	55
 Hardwood Flooring	
Absorbs 84% of reflective sound (IIC)	53
Absorbs 69% of transmitted sound (STC)	55
INR	+4

Impact Noise Test KAL-CC-372-1-66 KAL-346-2-66
 IIC ASTM E492-90 E989-89
 INR FHA Bulletin 750 - 1963
 STS ASTM E-413-87

Meets or Exceeds	Mil C-15116C Type II
Meets of Exceeds	HH - C-576 Type II

LIMITED WARRANTY:

S.G.M., Inc., will replace any material proved defective with the maximum shelf life on unused material of up to one (1) year. If our products are not found to conform to our high standards, notify S.G.M., Inc., immediately in writing. There is no other obligation expressed or implied, and we assume no liabilities for damages of any kind. Suitability of the product for an intended use shall be solely up to the user.

SGM

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