ACOUSTIC silentcork

PRODUCT INFORMATION

NATURAL, ACOUSTIC CORK UNDERLAYMENT

Your First Choice of Underlayment

PRODUCT DESCRIPTION

ACOUSTIC silentcork Underlayment is an amazing, natural sound barrier and insulator for various types of flooring material. Cork is an all natural building solution that offers excellent acoustic and thermal properties. It contains approximately 40 million air pocket cells per cubic inch making it an ideal insulator of sound. Unlike synthetic underlayments that deteriorate after years of heavy use, and ultimately cause floors to sound hollow, cork cells are very stable and sturdy. Cork is known for its consistency and should always be your first choice of underlayment.

PRODUCT USES

Cork is the perfect choice for sound reduction and thermal insulation. It has been independently tested for acoustical and thermal values.

SYSTEM WARRANTY

Corksribas USA offers individual warranties for all products. Corksribas Direct provides you with the pre-installation warranty, while Corksribas Portugal, as the manufcaturer, provides you with the post-installation warranty.

Please see the individual warranties listed with each SKU for full details.

For job specific warranties, contact Corksribas USA at 609-589-3100.

ACOUSTICAL RATING

Acoustical rating results below were generated from field testing:

1/4" (6mm) Cork Underlayment

6mm Cork on 6" Concrete Slab	IIC	STC	6mm Cork on 6" Concrete Slab	IIC	STC
Fixed rating of concrete slab	27	27	With Suspended Ceiling (approx.)	14	14
With 6mm underlayment	23	24	Fixed rating of concrete slab	27	27
Total	50	51	With 6mm underlayment	23	24
			Total	64	65

Specific projects have different specifications.

CHEMICAL & PHYSICAL PROPERTIES

Binder:	Polyurethane Resin
Base:	Composition of Cork Granules, size 2-4mm
Density:	190 - 210 Kg/m3
Tensile Strength:	11.7 - 12.5 lbs/ft³ 5 - 8 Kg/cm3
Recovery:	70+%
Flexibility F5:	Pass
Thermal Conductivity:	0.04 Kcal/m3h°C European
Flammability:	DIN Standard and B2 Class (US)
Dimensional:	Width/Length +/- 0.5 mm
Tolerance:	Thickness +/- 0.2 mm
Size:	2' x 3' x 6mm sheets 215 sq. ft. rolls, 1/4" (6mm)

INSTALLATION

Be sure to read and understand the data sheet completely before beginning installation.

SURFACE PREPARATION

Surfaces must be clean, dry and smooth, free of voids, loose materials, and all other surface contaminants. The moisture content should not be more than 3 lbs. per 1000s/f/24 hours as measured via Calcium Chloride testing. Maximum floor variation is 1/8" in 10'. Concrete slabs requiring patching or leveling should be repaired with portland cement based material.

FORNA® CORK FLOORING