QUIETCORK™

Product:
Acoustic Underlayment, Stress-crack Protection, Natural Sound Insulation, Non-toxic.

Manufacturer:
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Product Description:
QuietCORK™ materials have been tested for their acoustical properties and is widely used as an effective sound deadening underlayment beneath ceramic and hardwood flooring. QuietCORK™ in 6mm thickness exceeds sound-deadening requirements for "floors seperated dweling units" such as in apartment buildings, condominiums, and office towers. QuietCORK™ is produced from the correct mix of both large and small natural cork grains compressed to an optimal medium/low density to meet or surpass sound control standards and requirements as specified by building codes, condominium associations, architects, and other governing agencies.

Physical Characteristics:

Density Minimum	184 kg/m^3 (11.5 lb/ft^3)
Compression	20 - 50 %
Recovery	up to 95 %
Tensile Strength (*)	L - 414 kPa (60 psi) (*) L- Test on the longitudinal way
	T - 276 kPa (40 psi) T- Test on the transversal way

Reference Specification:
Meets or exceeds all technical requirements as set forth in
ASTM F 104-11 Standard Classification System for Nonmetallic Gasket Materials
ASTM E 492-04 Standard Test Method for Laboratory Measurement of Impact Sound Transmission Through Floor-Ceiling Assemblies Using a Tapping Machine.
ASTM E 989-89 Standard Classification for Determination of Impact Insulation Class (IIC)
ASTM E 90-04 Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements"
ASTM E 413-04 Standard Classification for Rating Sound Insulation (STC)
ASTM F 104 Standard Classification System for Nonmetallic Gasket Materials
ISO 7322 -86 / NP 2372 -84 Composition Cork test method
ISO 4717-86 / NP 3004 - 88 Composition Cork specification, sampling, and, packaging and marking.

Environmental:
QuietCORK™ consists of cork bark granules bonded together with trace amounts of adhesive. Cork bark is a renewable resource harvested from cork oak tree (Quercus-Suber). It is a 100% enrivonmentally friendly, non toxic material. The bonding of natural cork granules is primarily achieved by heat "agglomeration". This is the natural ability of the cellular components of cork bark to bond to each other under heat. In addition to heat agglomeration, a small amount of additional adhesive component is added in order to strengthen the bond. A polyurethane adhesive is used as the binder (between 5%-7% mass to agglomerate). No other chemicals or materials are used in the manufacturing or distributing of QuietCORK™ rolls

Contributes to the following LEED® credits:

Materials & Resources
Credit 3.0: Resource Re-use
Credit 4.1: Recycled Content, 10%
Credit 4.2: Recycled Content, 20%
Credit 5.1: Locally Manufactured Materials
Credit 6.0: Rapidly Renewable Materials

Indoor Environmental Quality
Credit 4.1: Low-Emitting Materials -Adhesives and Sealants
Credit 4.4: Low-Emitting Materials -Composite Wood and arifiber Products Adhesives and Sealants

Innovation in Design
Using the unique natural cellular property of cork in sound transmission reduction (un-derlayment, wall and floor tiles), thermal insulation, acoustical insulation, anti-vibra-tion properties, expansion joint filler, among others.

granule size: 1.0mm - 4.0mm
roll width: 48" inches
sheet size: 24" inches wide 36" inches long (± 0,5mm)*

***tolerances /** test method ASTM F104

Installation:
Read and understand data sheet completely before beginning installation.

Site Conditions:
Jelinek Cork Rolls must be acclimatized for a minimum of 72 hours prior to the installation. Site to receive material should be at relative humidity and tempreature of the sites typical use, site temperature before, during, and a minimum of seven days after installation must be at least 68°F (20°C). Humidity must be stable between 40%-60%. Excessive moisture and/or heat can cause expansion of cellular components of the composition cork. An excessively dry or cold environment can cause a contraction in the cellular structure. Damp composition cork will stabilize once it has dried

Surfaces:
Surfaces must be clean, fully enclosed, dry and smooth; free of voids, projections, loose materials, oil, grease, sealers, and all other surface contaminants that could interfere with a secure bond, if the installation surface is new drywall, it must be primed before cork rolls installation.

Installation Guidelines:
Please refer to Jelinek Cork Group's Cork Roll Installation guidelines for complete installation guidelines.

Availability and Cost:
Please contact Jelinek Cork Group by phone +1(905) 827-4666 or email: cork@jelinek.com for all your ordering needs

Warranty:
Limited warranty commercial. For complete details, contact Jelinek Cork Group for more information.

Care and Cleaning:
Cork is naturally anti-static and does not attract dust, a light dusting is suitable for cleaning. However if marked, the cork roll can also be cleaned with with diluted soap and water solution and wiped with a damp cloth. Never submerge or soak the cork rolls with water, nor use heavy to chemicals on the cork!

Support Service:
Submittal samples for verification and approval are available upon request from Jelinek Cork Group. Samples shall be submitted in compliance with the requirements of the Contract Documents. Please email all sample requests to cork@jelinek.com, or visit our website www.jelinek.com. Accepted and approved samples shall constitute the standard materials that represent materials installed in the project.