

Product description

AcoustiTECH™ SOFIX is a versatile, innovative acoustic module that can be installed in any type of building structure and under any type of floor covering. It is especially suitable for the specification in new construction. Its excellent performance will please the owners as well as the condominium unions.

The AcoustiTECH™ SOFIX module is a soundproofing solution that meets and exceeds the recommendations of the National Building Code (NBC) in terms of impact and airborne noises, without suspended ceiling.

Physical properties (1 module)

Area density	0.5 lbs/sq.ft. (2.4 kg/m ²)
Vertical deflexion	4 mm @ 16 KPa
<i>Glass mineral wool</i>	
Length	48 in (122 cm)
Width	24 in (61 cm)
Thickness	1.5 in (3.8 cm)
Weight	± 3,5 lbs (± 1,6 kg)
Covering	8 sq.ft. (0.7 m ²)
Type of fiber	Recycled inorganic glass
Color of fiber	Brown
Type of film	FSK (Foil Scrim Kraft)
Color of film	Aluminized gray surface
VOC	0 g/L
Moisture	Rot-resistant
Toxicity	Non-toxic and odorless
<i>Cup (individual - 8 cups/module)</i>	
Diameter	3 in (7.6 cm)
Height	1.5 in (3,8 cm)
Weight	0,062 lbs (28 g)
Type of plastic	High density polyethylene

Technical data

Glass mineral wool

PERM (vapour barrier)	0.02 (ASTM E96, procedure A)
R Factor	6.5 (ASTM C518)
Puncture resistance	25 Beach Units (TAPPI, test T803)
Shrinkage	0.3 % (ASTM C356)
Flame spread	< 25 (ASTM E84, CAN/ULC S102)
Smoke developed	< 50 (ASTM E84, CAN/ULC S102)

Cup

Yield Tensile Strength	24.1 MPa (3500 psi) (ASTM D638)
Elongation Yield	18% (ASTM D638)
Flexural Modulus	662 MPa (96 000 psi) (ASTM D790)
Brittleness Temperature	< -70°C (ASTM D746)
Environmental Stress Crack	9 hr (ASTM D1693)

* A box contains 8 AcoustiTECH SOFIX modules (64 sq.ft./box).