

Your tranquility is our priority.

ecological • responsible
écologique • responsable



PRO AC[®]USTIK™

acoustic underlayment



Made with 100% Recycled Rubber, Pro Acoustik is an ideal part of a Green Building Solution. 



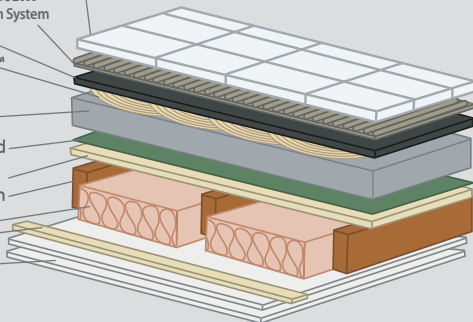
Adhésifs
PROMA
Adhesives Inc.



PRO ACOUSTIK™ acoustic underlayment

LIGHT CONCRETE SLAB

1. Finished floor (Tested with ceramic; also suitable for marble, granite and natural stones)
2. Pro Bond Plus System™ Premium Tile Installation System
3. Pro Acoustik™
4. Pro Acoustik Set™ adhesive
5. Light concrete floor slab 1 1/2"
6. 1/4" Insulation board
7. 3/4 or 5/8" plywood
8. Wood Joist or beam
9. Acoustic wool 6"
10. Z bar
11. 2 layers of Gypsum board

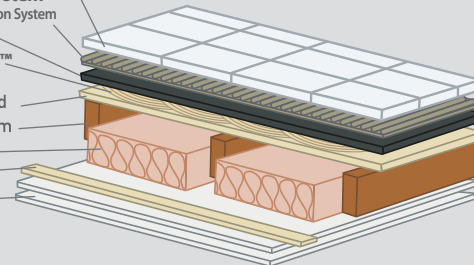


Pro Acoustik™ test results ceramic, light concrete slab

	FSTC	STC	FIIC / IIC
Pro Acoustik™ 1/4" (6 mm)	54	59	48/53
Pro Acoustik™ 3/8" (10 mm)	54	59	49/54
Pro Acoustik™ 1/2" (12 mm)	54	60	51/56

WOOD FRAME

1. Finished floor (Tested with ceramic; also suitable for marble, granite and natural stones)
2. Pro Bond Plus System™ Premium Tile Installation System
3. Pro Acoustik™
4. Pro Acoustik Set™ adhesive
5. 3/4 or 5/8" plywood
6. Wood Joist or beam
7. Acoustic wool 6"
8. Z bar
9. 2 layers of Gypsum board



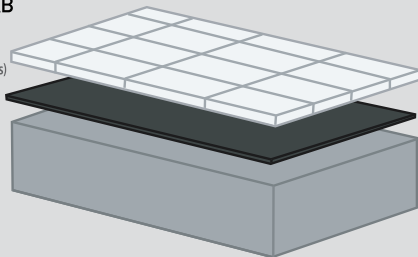
Pro Acoustik™ test results ceramic, wood frame

	FSTC	STC	FIIC / IIC
Pro Acoustik™ 1/4" (6 mm)	54	59	45/50
Pro Acoustik™ 3/8" (10 mm)	54	59	47/52
Pro Acoustik™ 1/2" (12 mm)	54	59	50/55

Pro Acoustik™ provides better resistance to impact noise and enhances a floor's acoustic performance.

6" or 8" CONCRETE SLAB

1. Finished floor (Tested with ceramic; also suitable for marble, granite and natural stones)
2. Pro Acoustik™
3. 6" or 8" concrete slab



Pro Acoustik™ test results with 6" or 8" Concrete slab (without suspended ceilings)

Finished floor (tested with ceramic; also suitable for marble, granite and natural stones)
The below sizes pass the ROBINSON FLOOR TEST (ASTM C627) = light commercial category

Pro Bond Plus™ (premium tile installation system)

Pro Acoustik™ 1/4" (6 mm)

Pro Acoustik Set™ Adhesive	FIIC / IIC	FSTC / STC
6" (15 cm) concrete slab	53 / 58	53 / 60
8" (20 cm) concrete slab	56 / 61	56 / 63

Pro Bond Plus™ (premium tile installation system)

Pro Acoustik™ 3/8" (10 mm)

Pro Acoustik Set™ Adhesive	FIIC / IIC	FSTC / STC
6" (15 cm) concrete slab	55 / 60	53 / 60
8" (20 cm) concrete slab	58 / 63	56 / 63

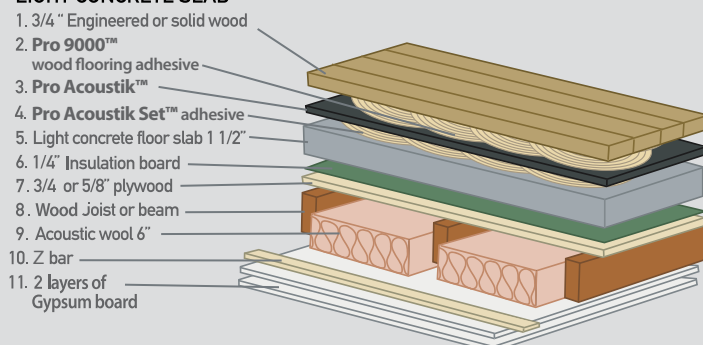
Pro Bond Plus™ (premium tile installation system)

Pro Acoustik™ 1/2" (12 mm)

Pro Acoustik Set™ Adhesive	FIIC / IIC	FSTC / STC
6" (15 cm) concrete slab	56 / 61	53 / 60
8" (20 cm) concrete slab	59 / 64	57 / 64

The National Building Code is mentioning a minimum difference of 5 in between field test and laboratory test in accordance with ASTM E 492-90e1.

LIGHT CONCRETE SLAB

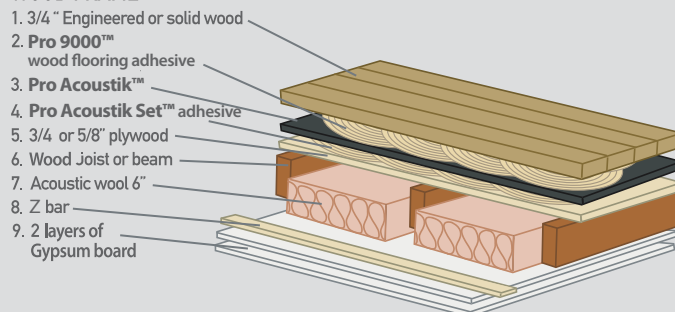


Pro Acoustik™ test results

engineered or solid wood : light concrete slab

	FSTC	STC	FIIC / IIC
Pro Acoustik™ 1/8" (3 mm)	55	60	46 / 51
Pro Acoustik™ 1/4" (6 mm)	55	60	51 / 56
Pro Acoustik™ 3/8" (10 mm)	57	62	52 / 57
Pro Acoustik™ 1/2" (12 mm)	58	63	55 / 60

WOOD FRAME



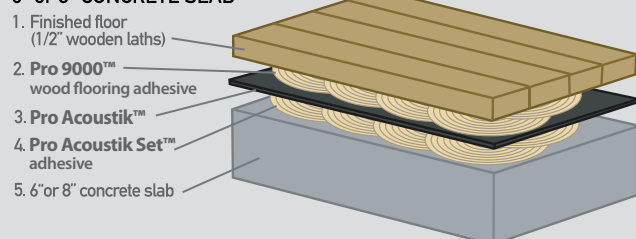
Pro Acoustik™ test results

engineered or solid wood : wood frame

	FSTC	STC	FIIC / IIC
Pro Acoustik™ 1/8" (3 mm)	55	60	43 / 48
Pro Acoustik™ 1/4" (6 mm)	55	60	48 / 53
Pro Acoustik™ 3/8" (10 mm)	55	60	50 / 55
Pro Acoustik™ 1/2" (12 mm)	55	60	52 / 56

This high-quality product is suitable for all types of structures and floor coverings.

6" or 8" CONCRETE SLAB



The National Building Code is mentioning a minimum difference of 5 in between field test and laboratory test in accordance with ASTM E 492-90e1.

Pro Acoustik™ test results

with 6" or 8" Concrete slab (without suspended ceilings)

Finished floor (tested with Engineered or solid hardwood)

Engineered or solid hardwood

Pro 9000™ (solvent-free wood adhesive)

Pro Acoustik™ 1/8" (3 mm)

Pro Acoustik Set™ Adhesive	FIIC / IIC	FSTC / STC
6" (15 cm) concrete slab	52 / 57	53 / 60
8" (20 cm) concrete slab	55 / 60	56 / 63

Engineered or solid hardwood

Pro 9000™ (solvent-free wood adhesive)

Pro Acoustik™ 1/4" (6 mm)

Pro Acoustik Set™ Adhesive	FIIC / IIC	FSTC / STC
6" (15 cm) concrete slab	57 / 62	53 / 60
8" (20 cm) concrete slab	60 / 65	56 / 63

Engineered or solid hardwood

Pro 9000™ (solvent-free wood adhesive)

Pro Acoustik™ 3/8" (10 mm)

Pro Acoustik Set™ Adhesive	FIIC / IIC	FSTC / STC
6" (15 cm) concrete slab	58 / 53	53 / 60
8" (20 cm) concrete slab	62 / 67	57 / 64

Engineered or solid hardwood

Pro 9000™ (solvent-free wood adhesive)

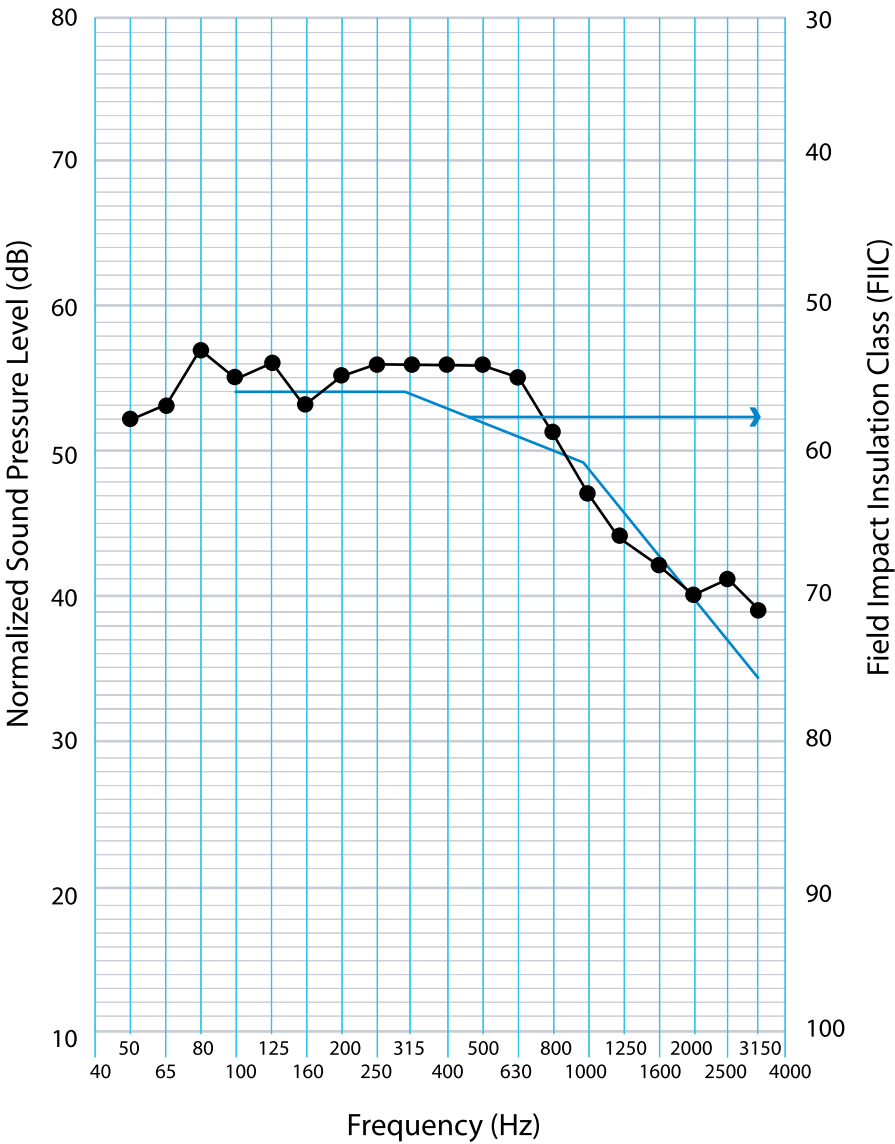
Pro Acoustik™ 1/2" (12 mm)

Pro Acoustik Set™ Adhesive	FIIC / IIC	FSTC / STC
6" (15 cm) concrete slab	60 / 65	54 / 61
8" (20 cm) concrete slab	63 / 68	59 / 66

Pro Acoustik™ has been tested over the years by renowned acousticians and architects that specialize in acoustic testing. The following graphic represents actual results when tested **WITHOUT SUSPENDED CEILINGS**.

Report #793031-1B

NOTE: This graph alone does not represent a complete report



LEGEND

- Normalized Impact Sound Pressure Level
- IIC Contour (ASTM E 989-89)

Field Impact Insulation Class
FIIC = 58

DESCRIPTION



- STANDARD 13\"X13\" CERAMIC
- PRO BOND PLUS™ SYSTEM CERAMIC ADHESIVE
- PRO ACOUSTIK™ 10 mm (3/8\") MEMBRANE
- PRO ACOUSTIK™ SET ADHESIVE
- 20 cm (8\") THICK CONCRETE SLAB



Pro Acoustik™
is comfortable
and resilient.



Pro Acoustik™
provides high
thermal insulation.



Pro Acoustik™
is a fully waterproof
100% vapor barrier

Pro Acoustik™
dampens vibrations.



TECHNICAL DATA	STANDARDS	MESURING UNITS	VALUE	RESULTS
HARDNESS	ASTM-D412	SHORE A	55/65	Excellent
PUNCTURE RESISTANCE	Factory tested Weight: 120 psi Time: 1wk.	mm	<0.3	Excellent
ELONGATION	ASTM-D412	%	160	Complies with standard
ABRASION RESISTANCE	ASTM-D3389	mg	0.41	1000 people / day
DIMENSIONAL STABILITY	Factory tested -15°C to 30°C	%	100	Excellent
FLAME PROPAGATION INDEX	ULCS-101.2 ASTM-E84	Tunnel test	83	Complies with standard
SMOKE EMISSION INDEX	ULCS-101.2 ASTM-E84	Tunnel test	315	Complies with standard
CHEMICAL RESISTANCE	Laboratory tested Javel water (5%) HCI SOLN (26%)	%	100	Excellent
ELECTRICAL CONDUCTION	ASTM-D2565	Ohm	10 ⁷	Dissipates static electricity
ABSORPTION	Factory tested	%	0	Excellent
BONDING TO SUPPORT	Laboratory tested	kg / cm	3.4	Excellent

INSTALLATION

- Install the PRO ACOUSTIK™ rubber underlayment directly on the structure (concrete or wood) using the PRO ACOUSTIK SET™ adhesive.
- Then lay the floor covering over the PRO ACOUSTIK membrane, using the PRO 9000™ as an adhesive, for engineered or solid hardwood installation; or with the PRO BOND PLUS™ System, for ceramic, granite or natural stone installation.
- Let dry for 24 hours before foot traffic.

For more information, please contact your sales representative or local PROMA distributor for complete installation methods, advices or field technical support. Please review the PRO 9000 and PRO BOND PLUS System technical data sheet for complete details.

THICKNESS AVAILABLE / COVERAGE

	5/64" (2 mm)	1/8" (3 mm)	1/4" (6 mm)	3/8" (10 mm)	1/2" (12 mm)
Size/Coverage	4' x 50' roll	4' x 50' roll	4' x 50' roll	4.69 sq. ft./sheet	4.69 sq. ft./sheet

*F.S.T.C.: Field sound transmission class airborne noise. *F.I.I.C.: Field impact insulation class impact noise.

The quality of the floor covering used, how they are installed, acoustical leaks at wall and ceiling joints and so on, as well as the floor deflection coefficient, can result in performance that significantly differs from established acoustic indices.



La Renaissance de Bates
Outremont, Quebec
50,000 sq. ft. (4,645 m²)



Townsend Place
West Palm Beach, Florida
1.1M sq. ft. (102,200 m²)



Peninsula #1 and #11
Aventura, Florida
900,000 sq. ft. (83,600 m²)



Hampton South
Aventura, Florida
550,000 sq. ft. (51,100 m²)



Résidence Soleil
Laval, Quebec
12,000 sq. ft. (1,115 m²)

PROMA SYSTEMS HAVE BEEN USED
WITH GREAT SUCCESS ON MANY
PRESTIGIOUS PROJECTS IN CANADA
AND THE UNITED STATES. A LIST OF
PROJECTS IS AVAILABLE UPON REQUEST.



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www.proma.ca 866.51.PROMA



Le Sanctuaire (Penthouse)
Mont-Royal, Quebec
6,000 sq. ft. (557 m²)



Les Jardins de l'Archipel
Nun's Island, Quebec
4,000 sq. ft. (371 m²)

