



UNDER FLOOR

Energy efficiency
for constructions...
Always working hand in hand
with the environment...

Technical Data Sheet

Version 3.0
Valid up to August 2012

ProDEX® Underfloor

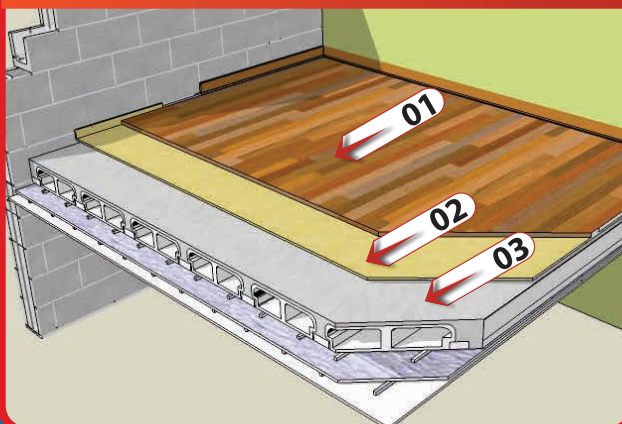
0,11 in thick 100% closed cell polyethylene foam.



This is a 100% waterproof product that keeps moisture from the bottom side of the laminated floor, acting as a membrane that corrects the irregularities of the composite floor, offering a continuous support for the laminated floor. It can be used in both post-tensioned and pre-tensioned composite floors for new buildings and remodeling projects. The insulation is placed on the existing composite floor system, leaving enough material to cover the baseboard area over the wall. Then, the laminated floor can be placed according to the manufacturer's recommendations.



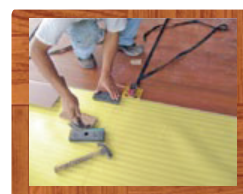
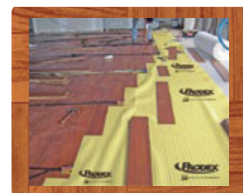
DETAIL OF A PRE-TENSIONED COMPOSITE FLOOR WITH PRODEX® UNDERFLOOR



- 01 Laminated or wood floor
- 02 ProDEX® UnderFloor
- 03 Pre-tensioned composite floor topping

TECHNICAL SPECIFICATIONS– PRODEX UNDERFLOOR

POLYETHYLENE FOAM		
MEASURES AND TOLERANCES OF THE STANDARD PRODUCT		
THICKNESS: 0,08 ± 10% (in)	LENGTH: ± 12 (in)	WIDTH AND LENGTH: 4 ± 0,032 ft
TECHNICAL CHARACTERISTICS OF THE PRODUCT		
CHARACTERISTICS	VALUE	STANDARD
FOAM CELL STRUCTURE	Closed	ASTM D3575
DENSITY	1,36 - 1,74 lb/ft²	ASTM D3575 - W
COMPRESSION DEFLECTION	2.6 PSI - 4.6 PSI (25 % deformation)	ASTM D3575 - D
WATER VAPOR TRANSMISSION	< 0.116 grains/hft²	ASTM E96
WATER PERMEABILITY	Waterproof	Dir. UEATC
TENSILE STRENGTH (MD)	3.97 LbF/inch	ASTM D751
ELONGATION (MD)	75.7%	ASTM D751
TENSILE STRENGTH (MD)	2.87 LbF/inch	ASTM D751
ELONGACION (DT)	65.6%	ASTM D751
OPERATION TEMPERATURE	-4 °F / 180 °F	



www.prodexcr.com

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Comfort in harmony with the environment