

Technical Data Sheet

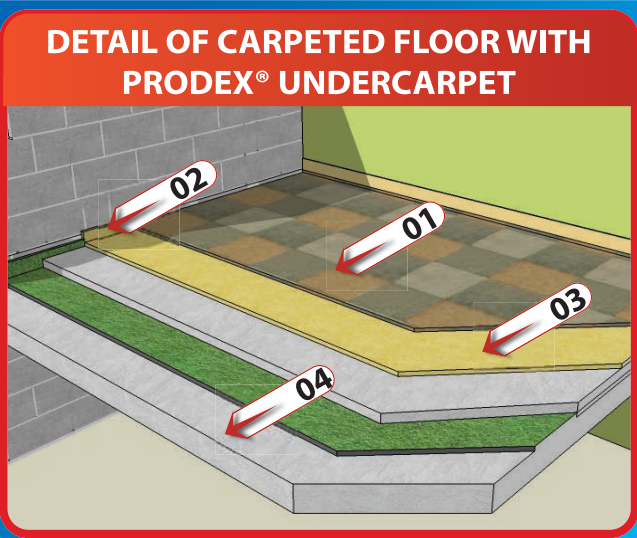
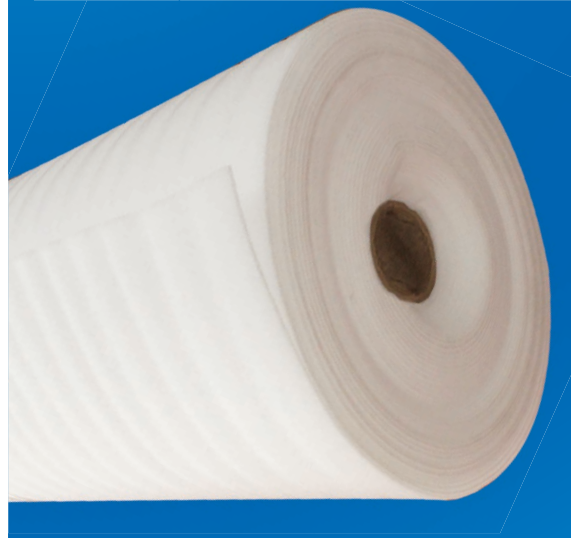
Version 3.0
Valid up to August 2012

Prodex® Undercarpet

0,078 in thick 100% closed cell polyethylene foam with aluminum on one side and UV printed polyethylene on the other.



This is 100% waterproof product that prevents vapor transmission, extending the carpet's average life by avoiding the growth of fungus and bacteria and acting as a membrane that corrects the irregularities of the composite floor and offers 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 carpet can be placed according to the manufacturer's recommendations.



- 01** Carpet
- 02** Foam over baseboard area
- 03** Prodex® UnderCarpet
- 04** Post-tensioned composite floor topping

TECHNICAL SPECIFICATIONS – PRODEX UNDERCARPET

POLYETHYLENE FOAM		
MEASURES AND TOLERANCES OF THE STANDARD PRODUCT		
THICKNESS: 0,11± 0,008 (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/ft ³	ASTM D3575 - W
COMPRESSION DEFLECTION	2,6 PSI - 4,6 PSI (25% deformation)	ASTM D3575 - D
WATER VAPOR TRANSMISSION	< 0,116 grains/hft ²	ASTM E96
WATER PERMEABILITY	Waterproof	Dir. UEATC
TENSILE STRENGTH (MD)	27 PSI - 35 PSI	ASTM D412
ELONGATION (MD)	62% - 84%	ASTM D412
TENSILE STRENGTH (MD)	18.9 PSI - 23 PSI	ASTM D412
ELONGACION (DT)	47% - 82%	ASTM D412
OPERATION TEMPERATURE	-4 °F / 180 °F	

