



## Prodex UNDERCARPET

0.11" thick 100% closed cell polyethylene foam

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.



- 1 Carpet
- 2 Extra foam to place baseboard
- 3 Prodex Undercarpet
- 4 Post-stressed floor topping

### UNDERCARPET (POLYETHYLENE FOAM)

#### DIMENSIONS AND TOLERANCES OF THE STANDARD PRODUCT

THICKNESS: 0.11 ± 7 (in)      LENGTH: ± 12 (in)      WIDTH: 4 ± 0.032 (ft)

#### TECHNICAL CHARACTERISTICS OF THE PRODUCT

CHARACTERISTICS	VALUE	STANDARD
FOAM CELL STRUCTURE	Closed	ASTM D3575
DENSITY	1,24 - 1,87 lb/ft <sup>3</sup>	ASTM D3575 - W
COMPRESSION DEFLECTION (25% deformation)	2.6 PSI	ASTM D3575 - D
WATER VAPOR TRANSMISSION	< 0.116 grains/hft <sup>2</sup>	ASTM E96
WATER PERMEABILITY	WATERPROOF	Dir. UEATC
TENSILE STRENGTH (MD/TD)	35 PSI - 21 PSI	ASTM D412
ELONGATION (MD/TD)	176% /151%	ASTM D412
THERMAL CONDUCTIVITY	0.25 btu.in/h.ft <sup>2</sup> .°F	ASTM C518
OPERATION TEMPERATURE	-4 °f / 180 °f	-



**PRODEX**<sup>®</sup>  
LEADERS IN THERMAL INSULATION FOR CONSTRUCTION

Ph (506) 2438-2322 | Fax (506) 2438-2341  
www.prodexcr.com