

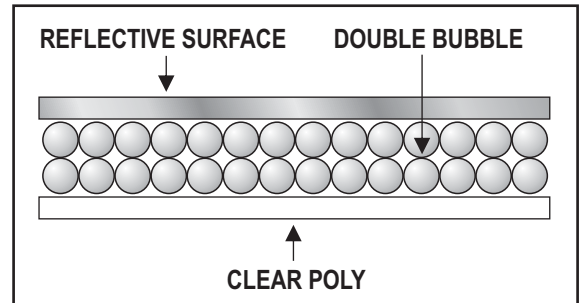
CONCRETE UNDERPAD

TECHNICAL DATA

Product Description:

rFOIL™ Concrete Underpad consists of a double layer of polyethylene bubbles, sandwiched between an aluminum surface, and a clear polyethylene sheet. It is ideal for many under-slab insulation applications, as a protective film is applied to the aluminum surface - virtually eliminating the risk of corrosion.

Using rFOIL™ Concrete Underpad in your construction project can improve the efficiency of radiant heating systems and significantly decreases heat loss to the ground below.



Stock Sizes Available (Rolls):

Size	48" X 125'	72" X 125'	96" X 125'
Part No.	4320-48-125	4320-72-125	4320-96-125

Features:

- Protective coating over aluminum surface
- Reduces heat loss to the ground below
- Quick, safe and easy to install
- Multi-Layer 8.4 mil Bubble Core
- Double bubble provides an effective thermal break
- Approved vapor barrier
- Available in 500, 750, and 1000 sq. ft. rolls.

Applications:

- Radiant heating applications
- Under-slab insulation

Physical Properties	Test	Value
NOMINAL THICKNESS	—	5/16"
FIRE RATING	ASTM E84-09	CLASS 1 / CLASS A
FIRE RATING - FULL ROOM BURN	NFPA 286	PASSES
EMISSIVITY	ASTM C1371-04A	0.04
REFLECTIVITY	ASTM E903	0.96
WATER VAPOR PERMEABILITY	ASTM E96	0.42 Perms
RESISTANCE TO FUNGI & BACTERIA	ASTM C1149	DOES NOT PROMOTE GROWTH
PLIABILITY	ASTM C1224-03	NO CRACKING
BLEEDING AND DELAMINATION	ASTM C1224-03	NO BLEEDING OR DELAMINATION
CORROSIVENESS	ASTM D3310-00	PASSES
COMPRESSION	—	70 PSI

Verified by



PATENTS

US Patent No.: 8,221,871
US Patent No.: 8,327,601
US Patent No.: 8,343,614

US Patent No.: 7,935,410
US Patent No.: 7,935,411

CDN Patent No.: 2,554,754
CDN Patent No.: 2,591,589



279 Humberline Drive Etobicoke, ON M9W 5T6
Call Toll Free: 1-800-837-8961 Local: 416-798-1340
Fax: 416-798-1342 Email: sales@rfoil.com
Visit our Website: www.rfoil.com



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