



TECHNICAL DATA SHEET

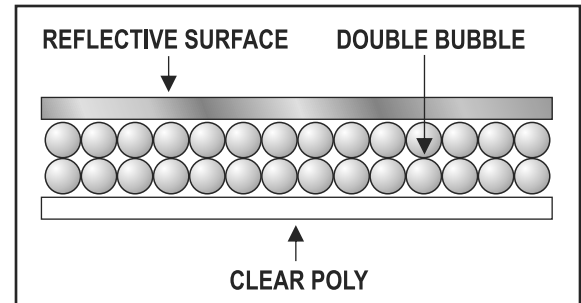
ULTRA CONCRETE UNDERPAD

www.rFOIL.com

Product Description:

rFOIL™ Ultra Concrete Underpad consists of a double layer of polyethylene bubbles sandwiched between an aluminum surface and a white polyethylene sheet. It is ideal for many under-slab insulation applications, as the aluminum surface is treated with a coating designed to protect it from curing concrete.

Using rFOIL™ Ultra Concrete Underpad in your construction project can improve the efficiency of radiant heating systems and significantly decreases heat loss to the ground below. Ultra Concrete Underpad is also an approved vapour barrier.



Stock Sizes Available (Rolls):

Size	48" X 125'	72" X 125'	96" x 125'
Part No.	4620-48-125	4620-72-125	4620-96-125

Features:

- Protective coating over aluminum surface
- Double bubble provides an effective thermal break
- Reduces heat loss to the ground below
- Approved vapor barrier
- Quick, safe and easy to install
- Available in 500 and 750 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
EMISSION	ASTM C1371-04A	0.057
REFLECTIVITY	ASTM E903	0.943
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	PASS
COMPRESSION	—	90 PSI



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