



CONCRETE UNDERPAD

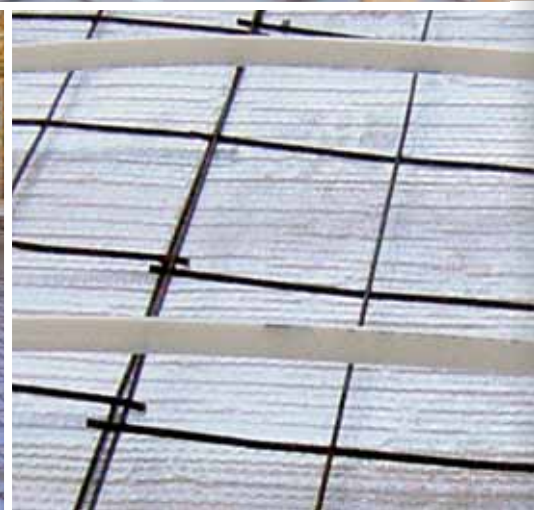
4320 SERIES

rFOIL® Benefits:

- Reduces Radiant Heat Loss through Floors
- High-Strength, Multi-Layer, Vapor and Radon Barrier
- Cost-Effective Alternative to Rigid Foam Insulation
- Improves Efficiency of In-Floor Radiant Heating Systems
- Reduces Slab Reaction Time at System Startup
- Saves Energy Usage and Utility Costs
- Easy to Form around Obstructions
- Installs Easily Over any Grade
- Withstands Job Site Traffic

rFOIL® Applications:

- Insulating Under Concrete Slabs
- Beneath Concrete Over-Pours
- Edge-Slabs and Expansion Joints



rFOIL® Standard Concrete Underpad is an outstanding reflective insulation and puncture-resistant vapor barrier. It is composed of a double layer of high-strength polyethylene bubbles sandwiched between a layer of highly reflective metalized film and a clear polyethylene sheet.

rFOIL® Standard Concrete Underpad provides exceptional thermal value and a strong, permanent vapor and radon barrier. It is a cost-effective alternative to rigid foam insulation, and is always installed with the clear side facing upwards.





CONCRETE UNDERPAD

(4320 Series)

Reflective Metalized Film Facing (installed facing down)

- Reduces Radiant Heat Loss
- Redirects Radiant Heat Energy Back to Living Area
- Saves Energy Usage and Lowers Heating Costs
- Extends Life of Heating System
- Faster Reaction Time for Radiant Floor Heating

Clear Polyethylene Facing

- Unaffected by Lime and other Corrosive Chemicals often Found in Concrete.

Multi-Layer Bubble Core (8.4 mil)

- Provides Continuous Thermal Break below the Slab
- Keeps underground moisture away from slab
- Durable and Long-Lasting Polyethylene
- Strong Puncture Resistance and Tear Strength
- Outstanding Vapor and Radon Barrier
- Can also Insulate the Edge-Slab and Outside of Foundation

Lightweight, Flexible Materials

- Just Unroll, Overlap, and Tape the Seams
- Easy to Cut and Configure around Obstructions
- Ideal for Edge-Slab Insulation and Expansion Joint (Easily Folds Upward at Perimeter Footing)

MORE BENEFITS

- Warmer, More Comfortable Floors
- Conforms Easily to Uneven Grades

- Strongly Bonded to Resist Delamination
- Sealed Seams Provide a Consistent Insulation

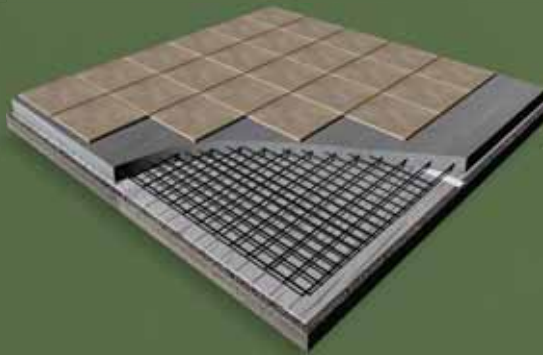
PRODUCT SIZES

48" x 125'

72" x 125'

96" x 125'

Available in Square Edge



PRODUCT SPECIFICATIONS

PHYSICAL PROPERTIES	TEST	VALUE
NOMINAL THICKNESS	—	5/16"
EMISSION	ASTM C1371-04A	0.04
REFLECTIVITY	ASTM E903	0.96
WATER VAPOR PERMEABILITY	ASTM E96	0.42 Perms
RESISTANCE TO FUNGI and 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

Warranty, Specific Applications, and Installation Guides can be found at www.rfoil.com

