

Manufactured by Environmentally Safe Products, Inc



**A TRULY NEW TYPE OF CARPET PAD
A REVOLUTIONARY CHANGE FOR THE
CARPET UNDERLAYMENT INDUSTRY
99.9% PURE ALUMINUM CORE
NO MORE COLD FLOORS !
FEEL THE COMFORT**



***Easy to
Install!***

That's Comfort



Members of the following Organizations:



Benefits of Therm-E Pad Insulation:

- Time Tested In Real World Applications
 - Independently Lab Tested
 - Will Not off gas or Absorb Odors
 - 99.9% PURE Aluminum CORE
- Carpet Slides EASILY OVER SURFACE DURING INSTALL
- Light Weight, MADE FROM RECYCLED POLYETHYLENE AND ALUMINUM
 - EXCELLENT THERMAL BARRIER FOR COLD CONCRETE FLOORS
 - WILL NOT WICK MOISTURE or ABSORB CLEANING FLUIDS USED ON CARPET
 - Made In the USA

by the Manufacturer of ESP Low-E® Insulation





Environmentally Safe Products Inc.
313 West Golden Ln. New Oxford, PA 17350
Phone: 800-289-5693 Fax: (717)-624-7089
customerservice@aboutlowe.com · www.low-e.com

Therm-E Pad Insulation Product Information

ALL TESTING NUMBERS DONE ON 3/8" PAD , 1/2" PAD ALSO AVAILABLE

30 sq yd rolls 4' x 67.5'

GENERIC TESTING IN ACCORDANCE TO HUD / FHA UM 72 a

WEIGHT 7.8 OZS. / SQ YD

THICKNESS .355"

DENSITY 1.8 LBS / CU. FT - Non comparable to polyurethane foam / rebond

COMPRESSION FORCE DEFLECTION @ 25% 3.5 PSI

TENSILE STRENGTH 69.6 PSI

ELONGATION 194%

CLOSED CELL polyethylene CONSTRUCTION OF THERM-E PAD ALLOWS EXCELLENT COMPRESSION RECOVERY .

20,000 FOOT CYCLE TEST

TEST METHOD CONDUCTED : ASTM D 6119

PRACTICE FOR CREATING SURFACE APPEARANCE CHANGES IN PILE YARN FLOOR COVERING FROM FOOT TRAFFIC

TEST METHOD CONDUCTED : CRI TM-101

ASSESSMENT OF CARPET SURFACE APPEARANCE CHANGE USING CRI REFERENCE SCALES

KEY TO RATINGS DONE ON 20,000 FOOT CYCLE TEST

1 SEVERE CHANGE

2 CONSIDERABLE CHANGE

3 MODERATE CHANGE

4 SLIGHT CHANGE

5 NO CHANGE

AVERAGE PAR RATING 3.8

PERCENTAGE THICKNESS CHANGE AFTER TEST -3.1 %

TESTING SHOWS THERM-E PAD PERFORMED ABOVE AVERAGE as COMPARED TO TRADITIONAL CARPET PAD IN THIS REAL WORLD TEST METHOD .

THERM-E PAD INSTALLATION INSTRUCTIONS

INSTALLING THERM-E PAD IS QUITE EASY COMPARED TO OLDER CONVENTIONAL CARPET PADDING . THERM-E PAD IS EASY TO MANEUVER INTO THE DESIRED FLOORING POSITION BECAUSE OF ITS LIGHT WEIGHT AND SMOOTH SURFACE FINISH . THERM-E PAD CAN BE USED ON ANY BASE FLOORING BUT IS ESPECIALLY EFFECTIVE ON COLD CONCRETE FLOORS WHERE A THERMAL BREAK IS NEEDED . IT WILL STOP THE HEAT DRAW FROM A COLD SLAB FLOOR . THERM-E PAD WILL HELP THAT COLD BASEMENT TO FEEL MORE LIVABLE, ESPECIALLY UNDER FOOT . BECAUSE OF THERM-E PAD'S UNIQUE QUALITIES THERE ARE A FEW VERY IMPORTANT GUIDELINES THAT MUST BE OBSERVED , ALTHOUGH IT IS INSTALLED JUST LIKE REGULAR CARPET PAD .

1 . NEVER INSTALL THERM-E PAD ON A FUNCTIONING RADIANT FLOOR SYSTEM . THERM-E PAD IS A THERMAL BLOCK AND WILL HELP TO REDUCE RADIANT HEAT TRANSFER .

2. WE DO NOT RECOMMEND INSTALLING THERM-E PAD ON A NEWLY POURED CONCRETE FLOOR OR A CONCRETE FLOOR THAT HAS NOT FULLY CURED . CONCRETE GIVES OFF MOISTURE AS IT CURES . THERM-E PAD IS WATERPROOF AND IS A TOTAL VAPOR BARRIER , THESE QUALITIES ARE EXCELLENT AS FAR AS NOT ABSORBING SPILLS ON CARPET , PET ACCIDENTS , ODORS , AND HARBORING BACTERIAL AND FUNGI GROWTH . LIKE ANY CARPET PAD INSTALL ALWAYS BE SURE TO START APPLICATION WITH A DRY CLEAN SURFACE FOR GOOD ADHESIVE ACTION .

3. WE RECOMMEND USING A STRONG ADHESIVE SPRAY OR CEMENT TO ATTACH THERM-E PAD TO CONCRETE AND STAPLES ON WOOD FLOORING OR ANY COMBINATION OF THE TWO REMEMBERING THAT THE FLOOR SURFACE MAY SOME DAY BE RE-EXPOSED .

4. BE SURE THAT SEAMS ARE TIGHTLY MATCHED AND USE A HIGH QUALITY DUCT TAPE TO CONNECT THERM-E PAD SEAMS .

5. AFTER CARPET HAS BEEN EASILY SLID OVER THERM-E PAD BE SURE TO USE A BOARD UNDER CARPET WHEN IRONING CARPET CONNECTION SEAMS . THIS PRACTICE IS COMMON WITH CARPET INSTALLERS BUT NOT ALWAYS OBSERVED . BECAUSE OF THERM-E PAD'S UNIQUE CLOSED CELL POLYETHYLENE FOAM CORE AN IRON BOARD IS HIGHLY RECOMMENDED AS NOT TO ACCIDENTLY CAUSE SURFACE MELT.

PRODUCT LIABILITY DISCLAIMER

PENDING INDEPENDENT CARPET MANUFACTURERS FULL ENDORSEMENTS , ESP INC., WILL NOT BE HELD LIABLE OR PARTY TO ANY WARRANTY CLAIMS ON CARPET PERFORMANCE BASED ON THERM-E PAD'S CHARACTERISTICS OR PROPERTIES BEING USED AS AN UNDERLAYMENT . ESP INC. ALSO WILL NOT BE HELD LIABLE FOR ANY DAMAGE TO FLOORING SURFACES OR SURROUNDING MATERIALS CAUSED BY MISAPPLICATION OR IMPROPER INSTALL OF PRODUCT .

Dealer Information



8064