



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





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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%**

 ${\tt CLOSED} \ {\tt CELL} \ polyethylene \ {\tt CONSTRUCTION} \ {\tt OF} \ {\tt THERM-E} \ {\tt PAD} \ {\tt ALLOWS} \ {\tt EXCELLENT} \ {\tt COMPRESSION} \ {\tt RECOVERY} \ .$ 20,000 FOOT CYCLE TEST TÉST 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 POOT. 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

- 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 SÙRE TO USE A BOARD UNDER CARPET WHEN IRONING CARPET CONNEC-TION 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 WAR-RANTY CLAIMS ON CARPET PERFORMANCE BASED ON THERM -E PAD'S CHARACTERISTICS OR PROPERTIES BEING USED AS AN UNDERLAY-MENT . 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