

EASYMAT[®]

WITH **SoundGard[®]** Technology

TILE & STONE UNDERLAYMENT

- Up to 4 times faster to install
- Cuts easily with a utility knife — No mess
- No screws or nails required
- Up to 25 times lighter
- Can be used with engineered wood or laminate
- Reduces floor transmitted sound by up to 20 decibels

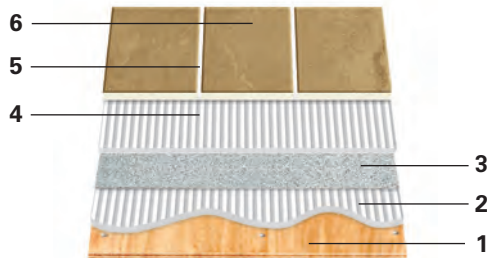
IIC:71 STC:73



300 sq. ft. traditional backerboard	vs.	300 sq. ft. of EasyMat
Two installers unload over 800 lbs. of material		One installer unloads under 30 lbs. of material
	9:00 am	
	10:00 am	Begin setting tile
	11:00 am	
	12:00 pm	
	12:30 pm	Begin setting tile

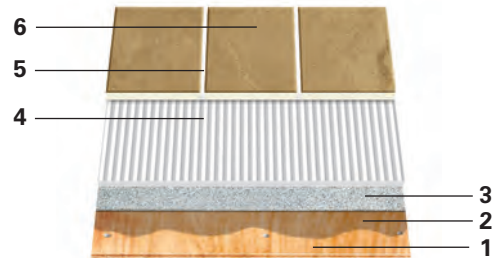
SET TILE DIRECTLY OVER ANY ACCEPTABLE SUBFLOOR

- 1 Any acceptable subfloor including concrete, plywood and primed OSB
- 2 Custom[®] polymer-modified mortar
- 3 EasyMat[®]
- 4 Custom polymer-modified mortar
- 5 Polyblend[®] or Prism[®] SureColor[®] Grout
- 6 Ceramic tile or stone



FURTHER REDUCE TIME AND LABOR COSTS BY CHOOSING PEEL & STICK OPTION

- 1 Any acceptable subfloor including concrete, plywood and primed OSB
- 2 Custom's Peel & Stick Primer
- 3 EasyMat with peel & stick adhesive backing
- 4 Custom polymer-modified mortar
- 5 Polyblend or Prism SureColor Grout
- 6 Ceramic tile or stone



EASYMAT PRODUCT OPTIONS AND TECHNICAL DATA

	EASYMAT 3MM	EASYMAT 5MM		EASYMAT 12MM
Systems Warranty	Lifetime	Lifetime	Lifetime	Lifetime
Thickness	3mm	5mm	5mm	12mm
Peel & Stick Available	Yes	Yes	Yes	No
Roll Dimensions	4' x 100' (1.2 M x 30.5 M)	4' x 10' (1.2 M x 3.05 M)	4' x 75' (1.2 M x 22.9 M)	4' x 30' 1.2 M x 9.14 M)
Weight/Roll	21.3 lbs	3.3 lbs	25.4 lbs	25 lbs
Coverage/Sq Ft	400	40	300	120
Weight/Sq Ft	<.1 lb	<.1 lb	<.1 lb	.2
Robinson Floor Test, ASTM C627	Light commercial	Light commercial	Light commercial	Residential
Thermal Resistance, ASTM C518 R Value	.8	1.5	1.5	3.75

SOUND REDUCTION TECHNICAL DATA

Footsteps, jumping and dropped objects are just a few everyday sources of impact sound. Impact Insulation Class (IIC) is a statistical measurement that rates the impact sound performance of a floor/ceiling system. The higher the IIC rating, the better the impact noise control. EasyMat with SoundGard Technology (5mm) can achieve an IIC of 71 and an STC of 72 over an 8" concrete slab with an acoustical ceiling. Ref max contribution of an 8" concrete slab TCNA handbook pg. 77, all field test have been conducted in accordance with ASTM E 1007-97, ASTM E 492-04, ASTM E 989-06.

CONCRETE SLAB ASSEMBLY

For a concrete slab assembly, you can determine your expected IIC of a system by adding the Δ IIC of EasyMat to the standard base IIC of the slab as referenced in the TCNA handbook, Sound Rated Floors section.

Δ IIC OF EASYMAT	3MM	5MM	12MM
ASTM E-2179-03	16	20	23

EXPECTED IIC RATING OF COMMON CONCRETE SYSTEMS WITH EASYMAT

FLOOR SYSTEM	3MM	5MM	12MM	STC*
4" solid concrete slab	42	46	49	64
6" solid concrete slab	46	50	53	70
8" solid concrete slab	48	52	55	73

Adding a sound rated ceiling assembly (i.e. drop ceiling), can add up to 14 IIC points to the total system.

* STC (Sound Transmission Class) is a measurement that rates the airborne transmission of sounds through building elements, such as a wall or floor system. We have included STC ratings based on published general ASTM E90 testing results of base floor systems.

AREAS OF USE

Interior and exterior applications	Concrete mortar beds, masonry	Lightweight concrete and/or air entrained	Primed gypsum underlayment (minimum concrete 2000 PSI cured)	Post-tension concrete
Exterior Grade Plywood	Primed OSB	Exterior decks	Ceramic tile	Resilient flooring

OTHER FLOOR ASSEMBLIES (I.E. WOOD, GYPSUM)

There are literally hundreds of different floor/ceiling assemblies, all with different base IIC values which will ultimately determine the final IIC of the floor system. At Custom, we have a continuously growing database of field tests on various floor/ceiling assemblies with EasyMat, as well as certified acoustical engineers that can help you determine which EasyMat product is right for you to achieve your final floor/ceiling system IIC goal. Contact Technical Services at 800-272-8787 for additional information.

LIMITED WARRANTY

Custom Building Products ("Custom") warrants to the original consumer purchaser that its product shall be free from defects in material and workmanship under normal and proper usage for a period of one year following the date of original purchase. Custom's sole liability under this warranty shall be limited to the replacement of the product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty will not extend to any product which has been modified in any way or which has not been used in accordance with Custom's printed instructions. Custom makes no other warranties either express or implied. This warranty gives you specific legal rights, and you may have other rights that vary from state to state.



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