

Approximate Weight of an EIF System

Technical Bulletin

TB005

Category: EIFS

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Here is the approximate weight per square feet of the EIF System.

EIF System:

1. Base Coat/**Adhesive**: 130-150 sq. ft / 60 lb pail
 $60/140 = \mathbf{0.42 \text{ lb}}$
2. Insulation Board: 1/12 =
0.08 per inch.
3. **Base coat**/Adhesive 110-140 sq. ft / 60 lb pail
 $60/125 = \mathbf{0.48 \text{ lb}}$
4. Reinforcing Mesh: 4.5 oz / sq yd
 $4.5\text{oz.} / 16\text{oz.} / \text{lb} = 0.281\text{lbs}$
 $0.281 \text{ lbs.} / 9 \text{ sq. ft per yd} = \mathbf{0.031 \text{ lb}}$
5. DPR Finish: 150-165 sq. ft / 65 lb Pail
 $65 / 158 = \mathbf{0.41 \text{ lb}}$

EIF System:

- 1" EPS**
 $0.42 + 0.08 + 0.48 + 0.031 + 0.41 = \mathbf{1.421 \text{ lb per square ft}}$
- 2" EPS**
 $0.42 + 0.16 + 0.48 + 0.031 + 0.41 = \mathbf{1.501 \text{ lb per square ft}}$
- 3" EPS**
 $0.42 + 0.24 + 0.48 + 0.031 + 0.41 = \mathbf{1.581 \text{ lb per square ft}}$
- 4" EPS**
 $0.42 + 0.32 + 0.48 + 0.031 + 0.41 = \mathbf{1.661 \text{ lb per square ft}}$

The data presented is an average of the weight of an EIF System. There are many variables that can reduce or increase the weight per square feet of any EIF System.

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