



TECHNICAL BULLETIN

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Deadload Calculation of Dryvit EIFS by Layer

*U.S. Region Only

Dryvit Outsulation		
Layer	Product	Weight (lbs.) per ft ²
Sheathing	5/8 Gypsum Sheathing	2.2
Insulation	EPS Board - 1 inch	0.08
Insulation Adhesive	Dryvit Cementitious Adhesive	0.65
Finish	Dryvit Finish	0.52
Total psf		3.45

Outsulation Plus Moisture Drainage		
Layer	Product	Weight (lbs.) per ft ²
Sheathing	5/8 Gypsum Sheathing	2.2
Weather Barrier	Backstop NTX Texture (heaviest variation)	0.24
Insulation	EPS Board - 1 inch	0.08
Basecoat and Adhesive	Dryvit Cementitious Basecoat and Adhesive with embedded mesh	1.17
Finish	Dryvit Finish	0.52
Total psf		4.21

Outsulation Mineral Wool		
Layer	Product	Weight (lbs.) per ft ²
Sheathing	5/8 Gypsum Sheathing	2.2
Weather Barrier	Backstop NTX Texture (heaviest variation)	0.24
Insulation	Rockwool Mono Density Mineral Wool Board - 1 inch	0.71
Insulation	Rockwool Dual Density ⁶ Mineral Wool Board - 1 inch	0.63
Basecoat and Adhesive	Dryvit Cementitious Basecoat and Adhesive with embedded mesh	1.17
Finish	Dryvit Finish	0.52
Total (Mono Density) psf		4.84
Total (Dual Density⁶) psf		4.76

Outsulation X		
Layer	Product	Weight (lbs.) per ft ²
Sheathing	5/8 Gypsum Sheathing	2.2
Weather Barrier	Backstop NTX Texture (heaviest variation)	0.24
Insulation	Dupont XPS Board - 1 inch	0.125
Basecoat and Adhesive	Dryvit Cementitious Basecoat and Adhesive with embedded mesh	1.17
Finish	Dryvit Finish	0.52
Total psf		4.255

Outsulation Masonry Veneer System		
Layer	Product	Weight (lbs.) per ft ²
Sheathing	5/8 Gypsum Sheathing	2.2
Weather Barrier	Backstop NTX Texture (heaviest variation)	0.24
Insulation	EPS Board - 1 inch	0.08
Basecoat and Insulation-Adhesive	Dryvit Cementitious Basecoat and Adhesive with embedded mesh	1.17
Cementitious Skim Coat	Dryvit Modified Primus Skim	0.54
Masonry Adhesive	Dryvit Modified Primus Adhesive	3.23
Veneer	Masonry Stone ⁷ (<i>maximum applicable</i>)	15
Total psf		22.46

Outsulation Plus Moisture Drainage with NewBrick		
Layer	Product	Weight (lbs.) per ft ²
Sheathing	5/8 Gypsum Sheathing	2.2
Weather Barrier	Backstop NTX Texture (heaviest variation)	0.24
Insulation	EPS Board - 1 inch	0.08
Basecoat and Insulation-Adhesive	Dryvit Cementitious Basecoat and Adhesive with embedded mesh	1.17
Cementitious Skim Coat	Dryvit Modified Primus Skim	0.54
Masonry Adhesive	Dryvit Modified Primus Adhesive	3.23
Veneer	Masonry Stone	3.01
Total		10.47

Outsulation Plus Moisture Drainage - Securock ExoAir 430		
Layer	Product	Weight (lbs.) per ft ²
Sheathing	5/8 Securock ExoAir 430	2.5
Weather Barrier	Incorporated in 430 Board	0
Insulation	EPS Board - 1 inch	0.08
Insulation Adhesive	Dryvit Cementitious Adhesive	0.65
Finish	Dryvit Finish	0.52
Total		3.75
Total [1/2-inch Securock Board]		3.25

Tremco Construction Products Group (CPG) brings together the Commercial Sealants & Waterproofing and Roofing & Building Maintenance divisions of Tremco CPG Inc.; Dryvit, Nudura and Willseal brands; Prebuck LLC; Tremco Barrier Solutions, Inc.; Weatherproofing Technologies, Inc.; Weatherproofing Technologies Canada, Inc.; and Pure Air Control Services, Inc.



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Outsulite		
Layer	Product	Weight (lbs.) per ft ²
Studs	Std Steel Framing	4
Sheathing	5/8 Gypsum Sheathing	2.2
Panel	EPS Board - 1 inch	0.08
Insulation Adhesive	Dryvit Cementitious Adhesive	0.65
Finish	Dryvit Finish	0.52
Total psf		7.45

Fedderlite		
Layer	Product	Weight (lbs.) per ft ²
Studs	Std Steel Framing	4
Sheathing	5/8 Gypsum Sheathing	2.2
Insulation	EPS Board - 1 inch	0.08
Insulation Adhesive	Dryvit Cementitious Adhesive	0.65
Finish	Dryvit Finish	0.52
Total psf		7.45

Product Alternatives	Layer	lbs./ft. ² adjustment
Gypsum 1/2 inch board	Sheathing	-0.6
1/2 inch OSB	Sheathing	-0.48
GPS Board	Insulation	n/a
High Impact Assembly	Basecoat & Reinforced Mesh	0.64
ExoAir 230	Weather Barrier	0.04
Fedderlite M	Fedderlite Panel mod only	0.5

Footnote References

1. The weight per square foot for all insulation line items are calculated based off 1 inch thickness. For insulation boards greater than 1 inch in thickness, multiply the applicable product weight by the thickness in inches to calculate adjusted deadload.
2. Product deadloads per square foot values are calculated based off the heaviest acceptable weight with respect to each individual product application instructions and specifications.
3. Total value calculations represent the heaviest variation, i.e. 'worst case scenario', of each system based off the maximum allowable weight of each of the system components.
4. Weight values for dry-mix cementitious products – Genesis DM and Primus DM – include weight added from the addition of water during mixing.
5. Weight values for wet-mix cementitious products – Genesis and Primus – include weight added from addition of Portland Cement and additional water.
6. Density Value for Dual Density Mineral Wool is calculated from a weighted average of the insulation material – slight variations may occur at various thickness applications.
7. PSF Value for Masonry Stone is calculated based off the maximum allowable weight per square foot for Masonry Cladding in Dryvit EIFS.

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