

Frost Cushion

Geological Application / Grade Beam Void Form System Specification Sheet



PRODUCTS

Manufacturers

- AMC: Product "FROST CUSHION"
- Substitutions: [Refer to Section 01600.] [Not permitted.] [Refer to Instructions to Bidders.]

Materials

- Void forms: rigid closed cell, expanded polystyrene (EPS)
- Flame Spread Index/ Smoke Developed Index: less than 25/450 to ASTM E84
- Configure to support a maximum load of 27 kPA (4 psi) @ 5% strain

Panel size:

- Thickness: <[100 mm]> <<[4"]>> <[150 mm]> <<[6"]>>
- Width: <[200][250][300][1220] mm> <<[8"] [10"] [12"] [48"]>> panels
- Length: <2440 mm> <<8 feet>>

Fabrication

- Configure void form material to compress from weight of structure
- Fabricate material to support concrete placing, finishing, and weight of the slab

Availability

Contact AMC Foam Technologies Inc. for a list of local distributors.

EXECUTION

Preparation

- Verify that concrete forms are in place and site conditions are ready to receive work
- Beginning of installation implies acceptance of site conditions

Installation

- Install void forms to manufacturer instructions
- Protect forms from damage
- Place void forms at bottom of formwork with flat surface facing upwards
- Use plywood overlay or alternative material to distribute stresses from point loads
- Use hardboard or fibreboard to distribute point loads, if required

Protection of Finished Work

- Section [01700] [01 45 00]: Protecting installed work
- Protect finished Work from damage

End of Section

- FROST CUSHION@Section 03116
- CONCRETE FORMS AND ACCESSORIES

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