ONLINE CERTIFICATIONS DIRECTORY

Design No. U930
BXUV.U930
Fire Resistance Ratings - ANSI/UL 263

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Design/System/Construction/Assembly Usage Disclaimer

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Listed or Classified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered as Classified, Listed, or Recognized.

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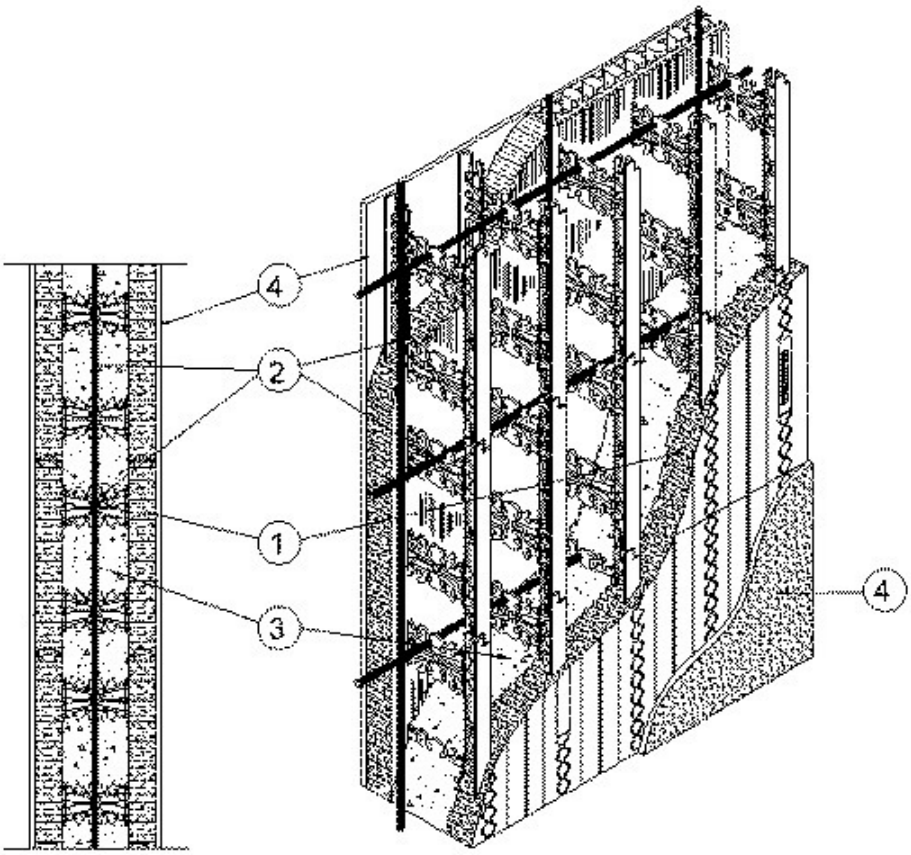
See General Information for Fire Resistance Ratings - ANSI/UL 263

Design No. U930

June 14, 2012

Bearing Wall Rating — 2 or 4 Hr (See item 1)



1. **Insulated Concrete Forms* —** Standard form units comprised of two 96 in. by 18 in. by 2-5/8 in. thick expanded polystyrene (EPS) panels linked by polypropylene webs at 8 in. OC. The min width of the wall cavity is 4 in as shown in the table below. Height adjusters consist of 32 in. long, 3 in. high and 2-5/8 in. thick flat EPS panels. End caps vary with wall cavity thickness from 4 in. to 12 in. wide, 18 in. high and 2-3/8 in. thick flat EPS panels. Assembly ratings depend on width of ICF Cavity as shown in table below:

Assembly Rating (Hr)	Min ICF Cavity Thickness (in)
2	4
4	6

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2. **Steel Reinforcement —** No. 4 steel rebars inserted horizontally into each ICF course within polypropylene web notches. No. 4 steel rebars placed vertically at 16 in. OC into center of insulated concrete forms (Item 1).

3. **Normal Weight Concrete —** 145 + or - 5 lb per cubic ft density, 2900 psi compressive strength.

4. **Gypsum Board —** (Classified or Unclassified) — 1/2 in. thick, 48 in. wide gypsum wallboard fastened to flanges of polypropylene webs with 2 in. long drywall screws at 16 in. OC vertically and horizontally. Min weight 1.35 psf. Joints covered with joint compound, covered with joint tape and covered with an additional coat of joint compound. Screwheads covered with joint compound. When the Insulated Concrete Wall is used as an exterior wall, the Fire Resistance Rating is applicable from the inside only. The gypsum wallboard on the exterior face of the exterior wall may be omitted provided the EPS insulation is protected in accordance with building code requirements.

*Bearing the UL Classification Mark

Last Updated on 2012-06-14

for additional information regarding this product's certification.

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Listed and covered under UL's Follow-Up Service. Always look for the Mark on the product.