



Fire Resistance Ratings - ANSI/UL 263

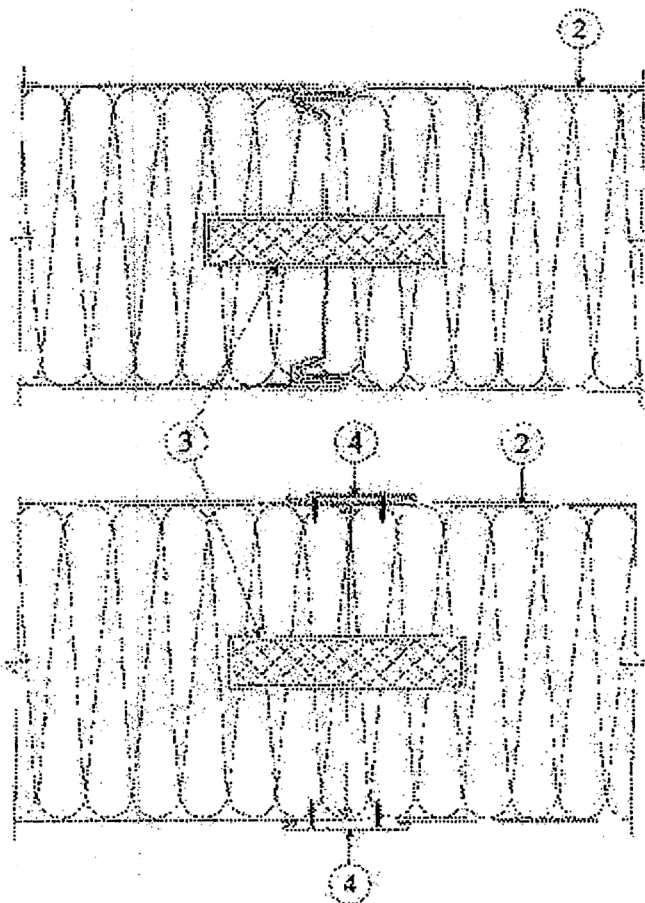
General Information for Fire Resistance Ratings - ANSI/UL 263

Design No. U042

May 17, 2002

Assembly Rating — 1 Hr

Nonbearing Wall



1. Side, Floor and Ceiling Runners — Not shown, angle shaped fabricated from 0.020 in. (0.52 mm) cold rolled steel with 1-1/2 in. (38 mm) by 2 in. (50 mm) legs.

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Advanced Insulation Concepts, Inc.

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The 1-1/2 in. (38 mm) legs attached to masonry by angles about the periphery, anchored to masonry 24 in. OC. The 2 in. (50 mm) legs attached to Partition panels with 5/8 in. (16 mm) long Type S screws spaced 12 in. (305 mm) OC.

2. **Units, Partition Panel*** — Metal faced panels, nom 48 in. (1219 mm) wide by 4, 5, or 6 in. thick. Panels supplied with either nested joint or butt joint. Both supplied with grooves 1/2 in. (12 mm) wide by 1-3/8 in. (35 mm) deep cut along vertical edges. Adjacent units are friction fit together along vertical edges.

Assembly Rating Hr	Panel Thkns In.
1	4
2	5
3	6

ADVANCED INSULATION CONCEPTS INC — Type Insulrock.

ROXUL INC — Type Sandwich Panel

3. **Splines** — Nom 1/2 in. (12 mm) thick by 2-3/4 in. (70 mm) wide calcium silicate. Spline runs the full length of units and are inserted in vertical grooves between adjacent units.

4. **Cover Profile** — Cover profile used only in conjunction with butt joint detail "T" shaped nom 5/8 in. (16 mm) deep by 2 in. (51 mm) wide by 0.020 in. (0.52 mm) thick cold rolled steel used at each vertical butt joint. Attached to panels with 5/8 in. (16 mm) long Type S screws 12 in. (305 mm) OC.

5. **Caulking Compound** — (Not shown) — A 1/4 in. (6 mm) wide bead of silicone sealant placed on vertical cover profile edges, nested vertical joints and around periphery support angle edges.

*Bearing the UL Classification Mark

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