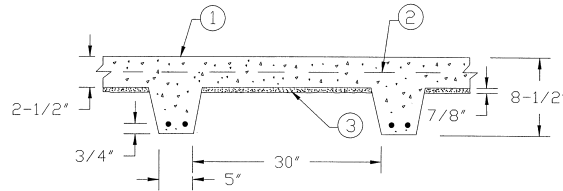


Design No. J710
Restrained Assembly Rating — 2 Hr
Unrestrained Assembly Rating — 1 Hr
Load Restricted for Canadian Applications — See Guide BXUV7



1. **Normal-Weight Concrete** — Siliceous or carbonate aggregate, 150 (+ or -) 3 pcf unit weight, 3000 psi compressive strength, to be designed with continuity over the supports.
 2. **Welded Wire Fabric** — 6 X 6-W2.9xW2.9.
 3. **Spray-Applied Fire Resistive Materials*** — Applied by mixing with water and spraying in one or more coats to the thicknesses shown above, to concrete surfaces which are clean and free of dirt, loose scale and oil. Use of Type PC Pre-coat is required prior to the application of Type 300, 300AC, 300ES, 300HS, 300N or SB. Type PC Pre-coat shall be applied to cover approx 70 percent of the surface. Thickness of Type PC Pre-coat is included in the total thickness of the protection material. Min average and min individual density of 15 and 14 pcf, respectively, for Types 300, 300AC, 300ES, 300HS, 300N and SB. For method of density determination, see Design Information Section, Sprayed Material.
 - BERLIN CO LTD — Types 300, 300ES, 300N or SB.
 - ISOLATEK INTERNATIONAL — Types 300, 300AC, 300ES, 300HS, 300N, SB and PC.
 - LUCKY CORE INSULATING MATERIALS
 - MANUFACTURING L L C — Types 300, 300ES, 300N, or SB.
 - NEWKEM PRODUCTS CORP — Types 300, 300ES, 300N, and SB.
- In lieu of Item 3, **Spray-Applied Fire Resistive Materials*** — (Not shown)
- 3A. **Spray-Applied Fire Resistive Materials*** — Applied by mixing with water and spraying in one or more coats to the thicknesses shown above, to concrete surfaces which are clean and free of dirt, loose scale and oil. Use of Type PC Pre-coat is required prior to the application of Type 300TW or 400. Type PC Pre-coat shall be applied to cover approx 70 percent of the surface. Thickness of Type PC Pre-coat is included in the total thickness of the protection material. Min average and min individual density of 17.5 and 16 pcf, respectively, for Type 300TW. Min average and min individual density of 22 and 19 pcf, respectively, for Type 400. For method of density determination, see Design Information Section, Sprayed Material.
 - ISOLATEK INTERNATIONAL — Types 300TW or 400.
 - LUCKY CORE INSULATING MATERIALS
 - MANUFACTURING L L C — Type 400.
 - NEWKEM PRODUCTS CORP — Type 400.

*Bearing the UL Classification Mark