

BXUVC.F909 - FIRE-RESISTANCE RATINGS

BXUVC - Fire-resistance Ratings

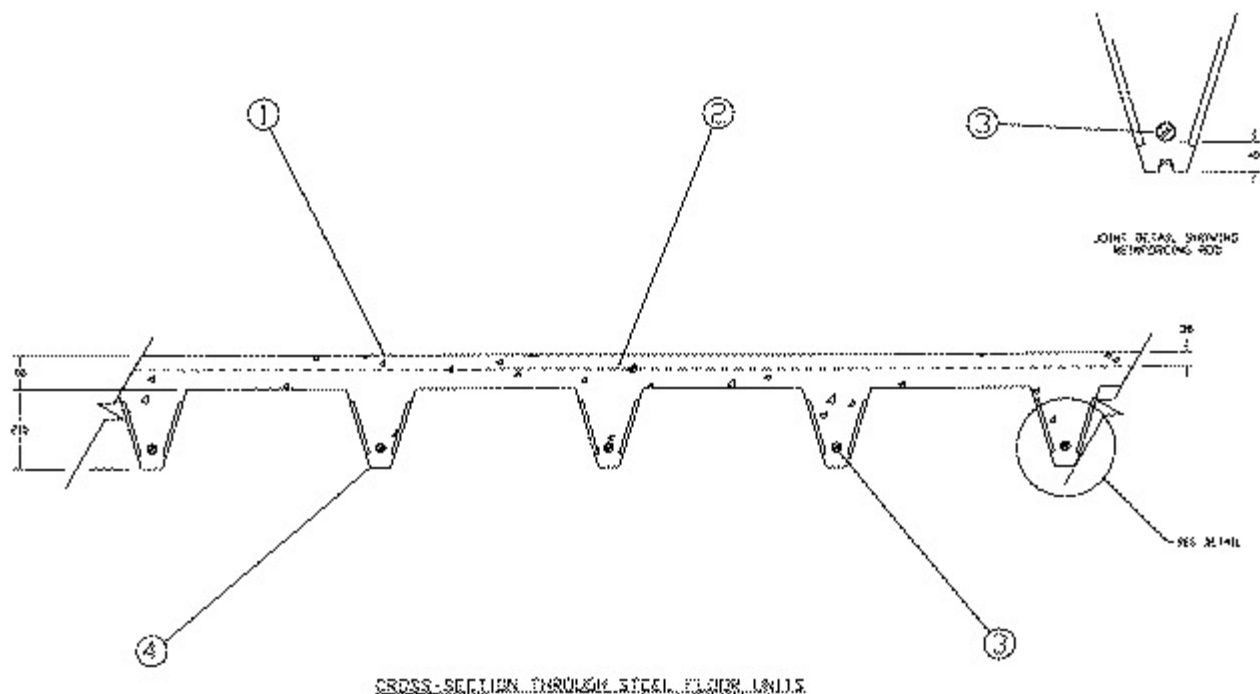
See General Information for Fire-resistance Ratings

Design No. F909

February 21, 2014

Restrained Assembly Rating - 1 or 1-1/2 h (See Item 4)

Unrestrained Assembly Rating - 0 or 1 or 1-1/2 h (See Item 4)



1. **Sand - Gravel Concrete** — Normal-density concrete of $2400 \pm 50 \text{ kg/m}^3$ density and nominal 30 MPa compressive strength. Minimum concrete topping of D as measured from the top plane of the Steel Floor Units (see Item 4).

2. **Wire Fabric** — 152 by 152 - Min wire thickness MW18.7/MW18.7 welded steel wire mesh.

3. **Rib Reinforcement** — Steel reinforcing bar having a minimum yield strength of 400 MPa sized in accordance with deck manufacturer's load tables to meet structural requirements. Rebars to be adequately supported during construction to provide a 40 mm concrete cover.

• 4. **Steel Floor Units** — (CHWXC). Composite galvanized steel fluted units, with minimum design thickness of 0.953 mm and yield strength of 280 MPa. Adjacent units fastened at the bottom of common flute at 350 mm OC with side lap washers and 32 mm long self-drilling fasteners as per manufacturer's instructions. Shoring of the units and end connection to independently rated concrete beams as per manufacturer's instructions. Loading of the units to be in accordance with manufacturer's load tables based on simply supported conditions. "Please consult the below-listed deck manufacturer for comprehensive load tables and design parameters associated with this assembly."

	Concrete Topping D = 64 mm	Concrete Topping D = 90 mm
Restrained Assembly Rating, h	1	1-1/2
Unrestrained Assembly Rating, h	1	1-1/2
(Steel Deck Span \leq 10 m)		
Unrestrained Assembly Rating, h	0	0
(Steel Deck Span > 10 m)		

BAILEY METAL PRODUCTS LTD — Type COMSLAB™ 210 and COMSLAB™ 225

Last Updated on 2014-02-21

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 Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "© 2019 UL LLC"