CLASSIC AND FLANGED FILLER BLOCK

CONSTRUCTION

TECHNICAL SPECIFICATIONS

CLASSIC FILLER BLOCK

RAISED FILLER BLOCK

Description

FANOSA® Filler Block is the support and lightening element used for joist and filler block construction systems. It is a specially designed block of Expanded Polystyrene (EPS) that is cut, shaped and dimensioned for use with a wide variety of joists for the construction of concrete slabs working in one direction. The result is a system with excellent structural, thermal and acoustic properties. It is ideal for building structural slabs for housing developments, residential work, industrial buildings, etc..

Options

FANOSA offers two options for making joists and filler block slabs. The Classic Filler Block and the Raised Filler Block that provides a system for 100% insulated roofs, which eliminates thermal bridges in joists. This is accomplished through an excess of polystyrene at the bottom of the cover, designed to accommodate a strip of Expanded Polystyrene (EPS) at the bottom of the joist thus forming continuous insulation. This insulation option is extremely economical, making it the best system for compliance with the Mexican Official Standard NOM-020.

Product Presentation

Classic Filler Block

Width	Length	Thickness
61 cm	122 cm	11 - 15 cm
61 cm	244 cm	11 - 15 cm

Raised Filler Block

Standard Filler Block Thickness (m)	1" + Raised Filler Block Thickness (m)	2" + Raised Filler Block Thickness (m)
0.09	0.1154	0.1408
0.10	0.1254	0.1508
0.11	0.1354	0.1608
0.12	0.1454	0.1708
0.13	0.1554	0.1808
0.14	0.1654	0.1908
0.15	0.1754	0.2008
0.16	0.1854	0.2108

NOTE: *In order to minimize the risk of fire spreading this material should not be exposed, so it is suggested that it is always confined or coated with a composite material, either cement acrylic or plaster.*

March 2018

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Advantages

- Economical.
- Lightweight.
- Thermal insulation.
- Time-saving.
- Concrete-saving.
- Capable of shock-absorption during construction.
- No skilled-labor required.
- High resistance.
- Minimal waste.

Comments

Avoid stepping on the filler block.

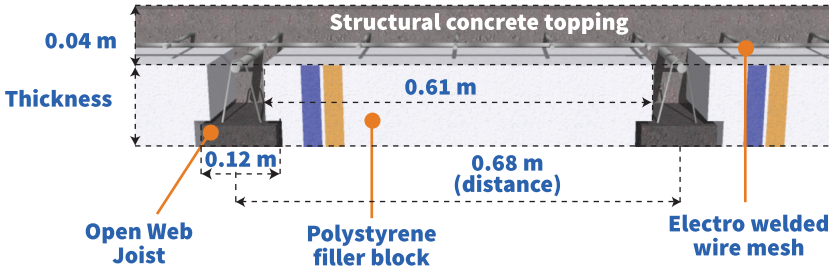
If you need to walk on the slab, tread where do the joists are.

Examples of thermal resistance based used for joist and filler block construction systems (12 kg/m³).

OPEN WEB JOIST AND FILLER BLOCK

Cross Section View

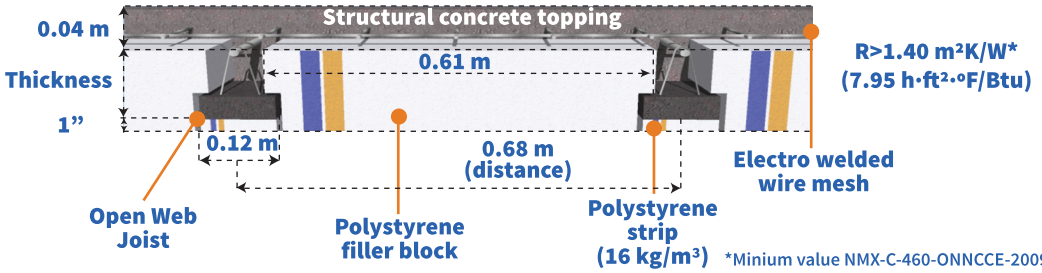
10 cm Filler Block



OPEN WEB JOIST RAISED FILLER BLOCK

Cross Section View

10 cm + 1" Filler Block

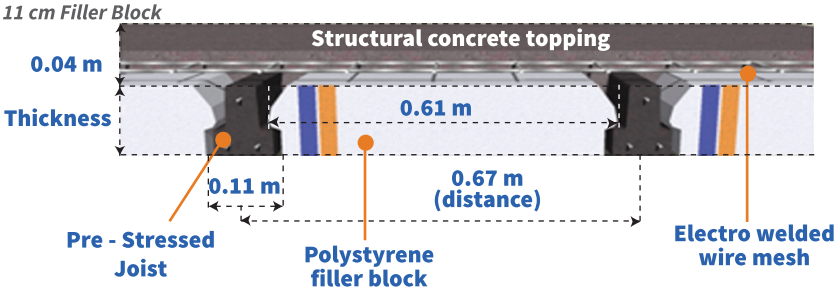


*Minium value NMX-C-460-ONNCCE-2009

PRE-STRESSED JOIST AND FILLER BLOCK

Cross Section View

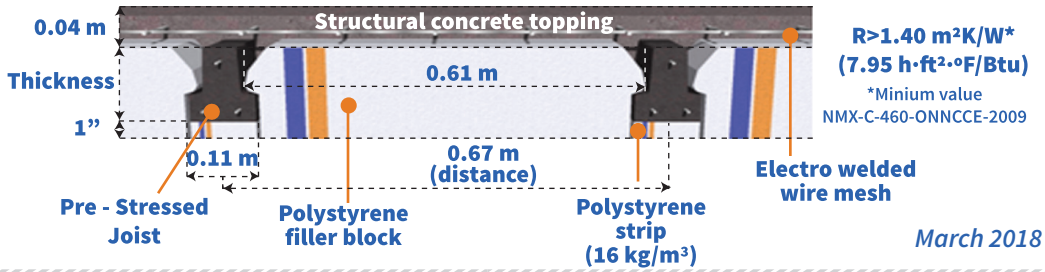
11 cm Filler Block



PRE-STRESSED JOIST AND RAISED EDGE FILLER BLOCK

Cross Section View

11 cm + 1" Filler Block



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