

Floor/Ceiling, Steel Joist with Plywood

REFERENCE: 3/4" FIRM-FILL® BRAND GYPSUM CONCRETE

PRODUCT ASSEMBLY

1. Hacker TopCoat®SP

An acrylic-based, film forming surface preparation agent.

2. (a) FIRM-FILL® Gypsum Concrete

Has compressive strengths from 1200-2000 psi (ASTM C472).

(b) FIRM-FILL®2010

Has compressive strengths from 1950-2750 psi (ASTM C472).

(c) FIRM-FILL®3310

Has compressive strengths from 2000-3350 psi (ASTM C472).

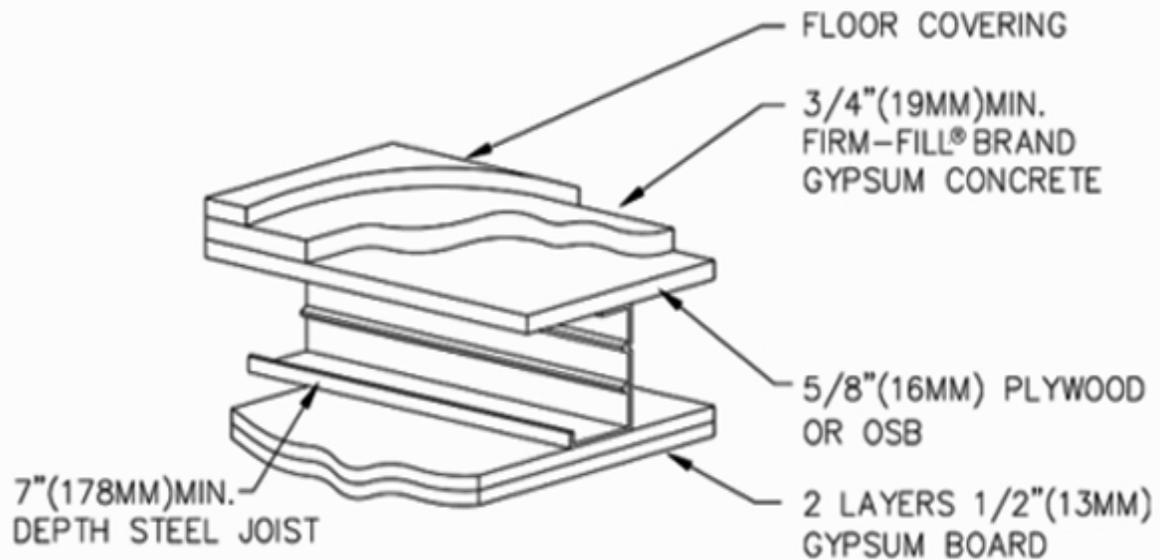
3. Hacker Floor Primer

A rewettable latex primer that is diluted: 1 part Hacker Floor Primer to 4 parts water.

Note

Some installation methods and components are not referenced. Please consult all approved resources to ensure a complete assembly.

When FIRM-FILL® Brand Gypsum Concretes are installed over steel truss with plywood, deflection may not exceed L/360. There is a risk of higher strength materials (over 3,000 psi) cracking due to differential movement. The higher the floor, the more differential movement is to be expected.



When installed at 3/4" over steel truss with plywood, FIRM-FILL® Brand Gypsum Concrete achieves excellent fire and sound ratings while providing a superior crack-resistant surface for the installation of finished floor coverings.

Steel Joist w/ Wood Deck

1 hr	Direct Attached Drywall	L524
1 hr	Rafter Ceiling	L543
1.5 hr	w/ Resilient Channel & Two (2) Layers of Drywall	L527
2 hr	w/ Four (4) Layers of Drywall	L556

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