Floors, Interior; FIRM-FILL® Brand Gypsum Concrete over Sound Control Mat

REFERENCE:

PRODUCT ASSEMBLY

1. Hacker TopCoat®SP
An acrylic-based, film forming surface preparation agent.

2. (a) FIRM-FILL® Gypsum Concrete
Has compressive strength up to 2000 psi (ASTM C472).

(b) FIRM-FILL®2010
Has compressive strengths from 1950-2750 psi (ASTM C472).

(c) FIRM-FILL®3310
Has compressive strength up to 2000-3300 psi (ASTM C472).

3. (a) Firm-Fill® SCM - 250
A 1/4 inch (6mm) dimensional sound control mat

(b) Enkasonic® 250
A 1/4 inch (6mm) sound control mat with an additional layer of fabric

(c) Hacker Sound Mat II
A 1/4 inch (6mm) recycled rubber sound control mat

4. Hacker Floor Primer
A re-wettable 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.

BATT INSULATION
GYPSUM WALL BOARD
WOOD BASE PLATE
MIN 1/8" PERIMETER ISOLATION
PAPER WALL BOARD TAPE
FIRM-FILL® BRAND GYPSUM CONCRETE
1/4" SOUND CONTROL MAT
DUCT OR CELLOPHANE TAPE
3/4" OSB OR PLYWOOD SUBFLOOR
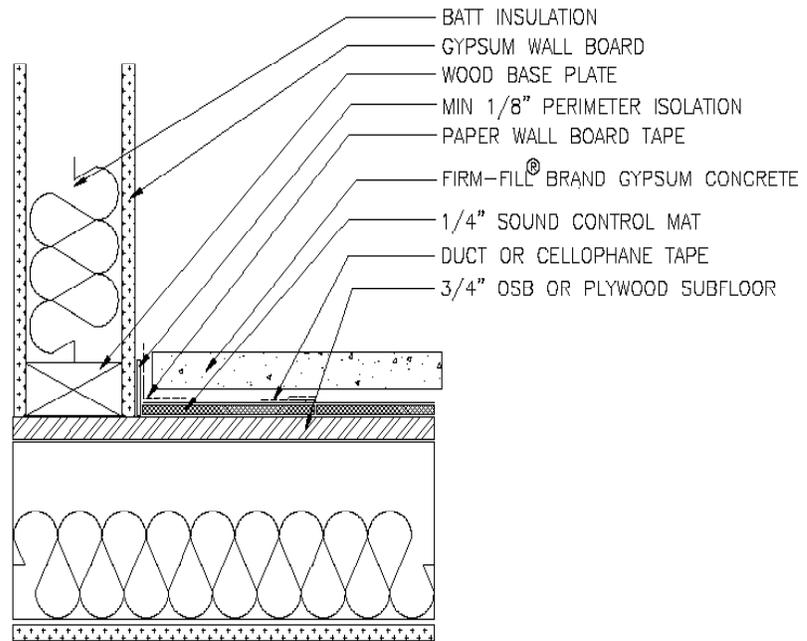
When installing sheet vinyl and vinyl composition tiles over FIRM-FILL® Brand Gypsum Concretes: In all cases, floor covering manufacturer recommendations supercede these guidelines.

General Recommendations:
The recommended minimum thickness of thick poured gypsum concrete over structurally sound concrete or pre-cast concrete is 1/2" (13mm). Refer to ASTM F2419 for installation guidelines.

Before applying a finished floor covering, ensure all surfaces are clean and free of dust, oil, dirt, paint, paraffin, laitance, etc. The use of sweeping compounds on Hacker Floor Underlayments is not recommended, as these products tend to contain oil, which can interfere with the bond of the Hacker Floor Underlayment and the adhesive or mortar used to attach the finished floor covering.

To prepare the underlayment, follow the recommended guidelines in Hacker Industries' "Guidelines for Installing Finished Floor Coverings," however the final surface preparation shall be in accordance with the recommendations of the finished floor goods manufacturer.

If required by specific flooring manufacturer of resilient floor covering, install Hacker TopCoat® SP prior to installation.

Prior to installation of sheet vinyl or vinyl composition tiles, conduct a sample test to confirm bond capability. Also see ASTM F2419 for recommended guidelines.

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