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
A 1/8" (3mm) dimensional Sound Control Mat

(b) Quiet Qurl ® 55/025
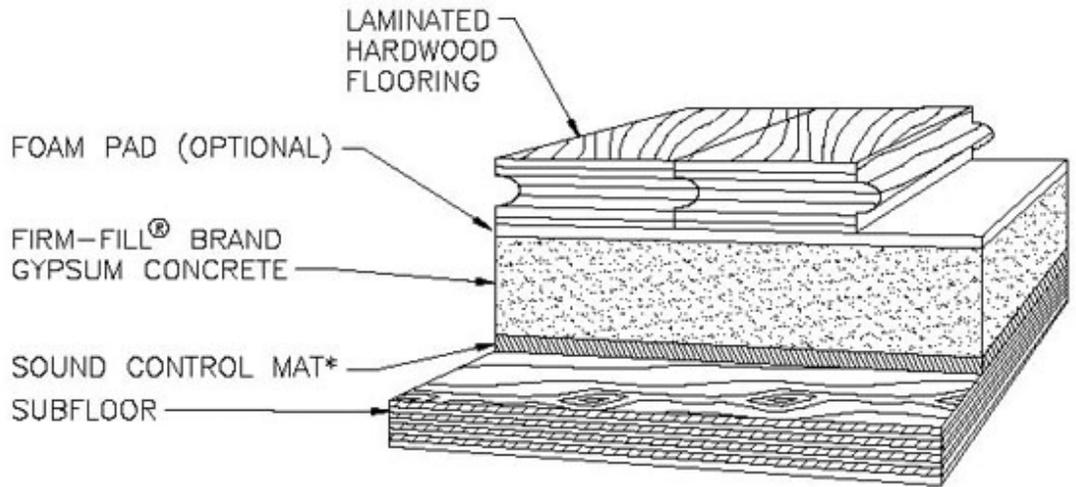A 1/4 inch (6mm) entangled mesh sound contol mat

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

4. 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 installing laminated hardwood over FIRM-FILL® Brand Gypsum Concretes:

General Recommendations:
Prepare the underlayment according to Page 1 of "Guidelines for Installing Finished Floor Coverings."

Glue Down Installations:
Consult adhesive manufacturer for compatibility. The following adhesives from Bostik Findley, Inc. should be compatible:

- Ultra-Set TM Hardwood Premium Wood Flooring Urethane Adhesive
- Best Adhesive Wood Flooring Urethane Adhesive
- Fast-Track Wood Flooring Urethane Adhesive

Before applying any adhesive, make sure the underlayment is cleaning and has passed a dryness test. The recommended procedure to test dryness is to use an electronic moisture meter with gypsum scale.

Hacker Industries' recommends three mositure meters:

- Delmhorst BD-2100
- Delmhorst G-79
- Tramex CRH

Flooring installer shall check underlayment for dryness. The floor goods manufacturer will determine acceptable levels of dryness (see ASTM F2419). Apply primers and adhesives according to the flooring and adhesive manufacturers instructions. Prior to installation, the flooring installler should conduct a sample test to confirm bond compatibility. Allow the test area to set for 27 hours before installing the flooring.

Mechanical Attachment: Follow and adhere to the floor goods manufacturers' general and installation recommendations.

Caution: Calcium chloride/moisture dome testing is not reliable for gypsum concrete moisture testing.