Hacker Reinforcement

Technical Data

Properties	Value
Thickness (nom)	0.015" (.38mm)
Roll Width	45.63" (115.9cm)
Roll Length	450' (137.1m)
Roll Diameter	9.5" (24.1 cm)
Roll Weight	70lbs (31.8kg)
Roll Yield	1,700f^2 (518.16m^2)

Glass Construction (visual/inch)

Grid Property	Value	Test Method
Machine Direction	1.9	ASTM D3775
Cross Machine	2.0	ASTM D3775
Scrim Weight	.034 psf (166 kg/m2)	

Tensile (lb) 2 ends

Grid Property	Value	Test Method
Machine Direction	150	ASTM D5035
Cross Machine	180	ASTM D5035
Width (inches)	46.5	ASTM D3774

*Values listed above are nominal and
are only to be used as guidelines.*

Code Listings:

ESR-2540

ESR-1153

ESR-1141

ESR-1774

HUD 1255f

City of Los Angeles

PRODUCT INFORMATION
Visit HackerIndustries.com for the most up-to-date product information.

SAFETY FIRST
Follow good safety/industrial practices during installation. Wear appropriate personal protective equipment. Read SDS and literature prior to specification and/or installation.

TRADEMARKS
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Product Description

Hacker Reinforcement is used with Firm-Fill® SCM Sound Control Mats and Firm-Fill® Gypsum Concrete Underlayments (GCU) for added crack suppression and to reduce the gypsum underlayment pour depth. The industry standard for reinforcement in gypsum concrete was galvanized metal lath, which is costly and difficult to install. Hacker Reinforcement is a time saving and cost-effective option to metal lath.

Features

- Light and easy to handle, easy to cut with scissors or utility knife
- Lower cost per square foot than metal lath
- No memory, unlike metal lath
- Excellent durability
- Dimensionally stable in hot weather; not brittle in cold
- Can be used over wood, concrete, precast plank, and Firm-Fill®SCM

Surface Prep

- All subfloors must be structurally sound, solid, free of dirt, mud and dust.
- Over oil, grease and other surface contaminates, Hacker Reinforcement must be mechanically attached.
- All subfloors must be dry and a minimum of 50°F (10°C).

Installation

- Loose lay Hacker Reinforcement wall-to-wall, overlapping one to two inches.
- Hacker Reinforcement may be mechanically fasted to a wood subfloor with staples approximately two to four feet on center.
- Top with a minimum of ¾" (19mm) approved Firm-Fill® GCU.

Over Concrete

- Hacker Reinforcement may be spot glued to the concrete subfloor with contact glue.
- Top with a minimum ½" (13mm) approved Firm-Fill® GCU.

Over Firm-Fill® SCM

- Loose lay Hacker Reinforcement <u>perpendicular</u> to the direction of the Firm-Fill® SCM wall-to-wall, overlapping one to two inches.
- Contact adhesive can be used where necessary to spot glue the Hacker Reinforcement to the SCM. **Never** use mechanical attachment to sound mat.

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