

# CHOOSING THE RIGHT GYPSUM UNDERLAYMENT

Hacker Industries, Inc. offers a full line of eight durable Pourable Floor Underlayments to meet demanding sound-attenuating and fire-resistant specifications. With 35 years and billions of square feet of consistent installations across North America, the FIRM-FILL® product line has shown proven performance over plywood, OSB, corrugated steel deck, concrete or any structurally sound substrate.



**FIRM-FILL® Gypsum Concrete:** the ORIGINAL gypsum-based floor underlayment introduced in 1983 creates a flat, durable surface with compressive strengths up to 2000 psi and excellent STC and IIC ratings, for the ultimate sound control and fire resistance in multi-family applications.

**FIRM-FILL® 2010+:** developed specifically for use over plywood or OSB subfloors to produce the hard, smooth surface for finished floor coverings with compressive strengths of 2000-3200 psi.

**FIRM-FILL® 3310 Classic:** a premium poured floor underlayment delivering compressive strengths from 2000 - 3300 psi. Ideal over wood or concrete subfloors in multi-family, hospitality, and renovation projects to maximize sound control and creates an enhanced surface for finished floor coverings.

**FIRM-FILL® 3310+:** a premium, fast-setting gypsum-based floor underlayment that maximizes sound control and creates an exceptionally smooth, flat and high-strength up to 3300 psi surface, for finished floor coverings in multi-family, hospitality or renovation projects.

**FIRM-FILL® High Strength:** a cost-efficient leveling and resurfacing gypsum-based floor underlayment for new construction or renovation projects that installs from featheredge to 3-1/2" for a fire-resistant, soundrated and crack-resistant floor surface.

**FIRM-FILL® 4010+:** provides compressive strengths from 4000 to 5200 psi and superior bonding characteristics for cost-effective thin-capping of damaged or uneven concrete to maximize sound control and provide fire ratings in new construction or renovation projects with no shot blasting required.

**FIRM-FILL® CMD:** a lightweight, high-strength gypsum floor underlayment for use over corrugated steeldeck in multi-family, commercial and institutional buildings, provides superior acoustical control and fire resistant properties, and compressive strengths from 3500 psi.

**GYP-SPAN® Radiant:** a special, non-shrinking gypsum floor underlayment designed for use over radiant heating systems that provides uniform heat transfer and compressive strengths of 2000-3200 psi for a smooth, durable and warm surface ready for finished floor coverings.

All Hacker Floor Underlayments are appropriate for use over Hacker Sound Mat & FIRM-FILL® SCM-125, 250, 400 and 750.

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		Type of Subfloor	Recommended PSI	FIRM-FILL® Gypsum Concrete	FIRM-FILL® 2010+	FIRM-FILL® 3310 Classic	FIRM-FILL® 3310+	FIRM-FILL® High Strength	FIRM-FILL® 4010+	FIRM-FILL® CMD	GYP-SPAN® Radiant
Multi-family	Wood New	1200-3300									
	Wood Renovation	1500-3300									
	Concrete New	2500-5500									
	Concrete Renovation	1500-3300									
	Corrugated Steel Deck	Min. 3500									
	Radiant Heating	2000-3200									
Hospitality	Wood New	1200-3300									
	Wood Renovation	1500-3300									
	Concrete New	2500-5500									
	Concrete Renovation	1500-3300									
	Radiant Heating	2000-3200									
Commercial	Wood New	1200-3300									
	Wood Renovation	1500-3300									
	Concrete New	2500-5500									
	Concrete Renovation	1500-3300									
	Corrugated Steel Deck	Min. 3500									
	Radiant Heating	2000-3200									

■ Recommended    
 ■ Optional    
 ■ Over wood, reinforcement is required