



Installing Custom Building Products RedGard® over Hacker Floor Underlayments

REFERENCE: TECHNICAL BULLETIN #1002

APPLICABLE PRODUCTS

FIRM-FILL® Gypsum Concrete

1,200 to 2,000 psi
(8.3 to 13.8 MPa)
Flagship product for application in multi-family housing for sound and fire-ratings

FIRM-FILL® 2010+

2,000 to 3,200 psi
(13.8 to 22 MPa)
For use over wood subfloors to provide additional surface hardness

FIRM-FILL® 3310

2,000 to 3,300 psi
(13.8 to 22.8 MPa)
Specially designed to decrease the amount of water used; offers a quicker drying time without compromising the rock-solid floor strength

FIRM-FILL® High Strength

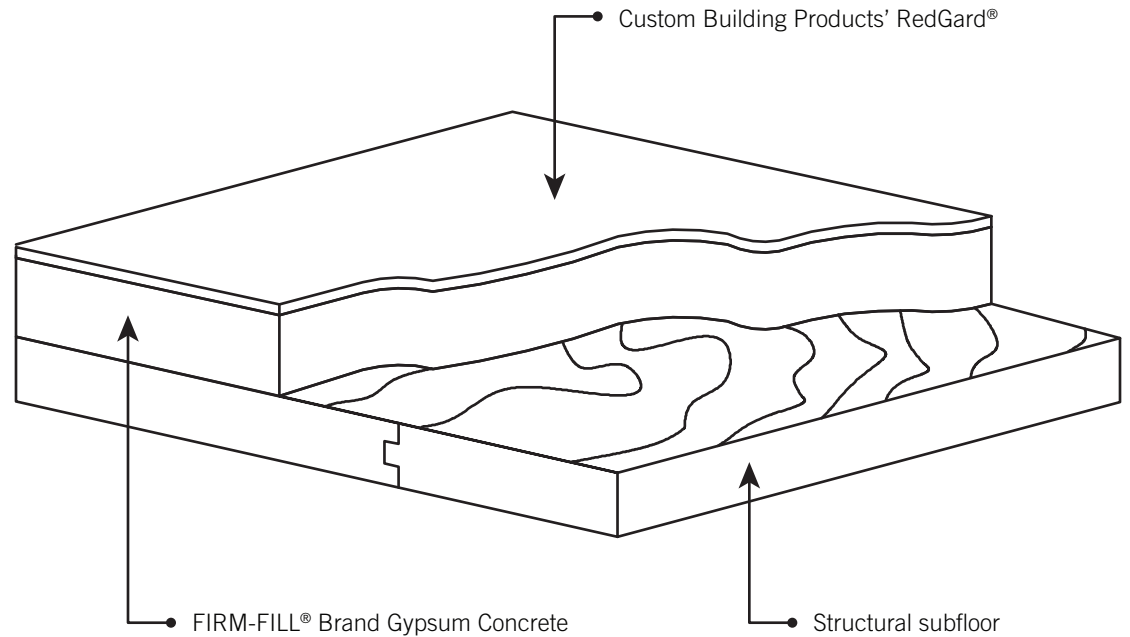
2,500 to 3,800 psi
(17.2 to 26.2 MPa)
Resurfaces cracked or damaged concrete with outstanding bonding characteristics

FIRM-FILL® 4010

Up to 5500 psi
(Up to 37.9 MPa)
An exceptionally durable cementitious underlayment for thin capping of concrete on projects requiring the highest compressive strength

Hacker Floor Sealer

A clear, water based, vinyl acrylic copolymer sealer; recommended over Hacker Floor Underlayments.



Hacker Industries, Inc. supplies FIRM-FILL® Brand Gypsum Concretes. We do not test and provide approvals for crack isolation and waterproofing membranes over our products. The manufacturer of each respective product tests and provides the approvals and installation procedures for these products.

The resilient flooring industry (adhesive, thin set and membrane manufacturers) now requires the gypsum concrete underlayment (FIRM-FILL® Brand Gypsum Concretes) to meet ASTM F2419 "Standard Practice for Installation of Thick Poured Gypsum Concrete Underlayments and Preparation of the Surface to Receive Resilient Flooring". FIRM-FILL® products exceed the minimum requirements for ASTM F2419.

Custom Building Products' RedGard® is acceptable over gypsum concrete with special installation procedures. The clean, dry and structurally sound gypsum surface must be primed using Hacker Floor Sealer or a primer coat of RedGard® (1 part RedGard®, diluted with 4 parts clean, cool water). When dry, apply at least one full coat of RedGard® per manufacturer's directions.

Refer to Custom Building Products' Technical Data Sheet "Surface Prep / TDS-104" for additional information. (<http://www.custombuildingproducts.com/TDS/TDS-104.pdf>) (<http://www.custombuildingproducts.com/products/surface-preparation/waterproofing-membranes-underlayments/redgard.aspx>)

For further information, please contact our technical services department at (949) 729-3101 or (800) 642-3455.

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