

KINGFIELD CONSTRUCTION PRODUCTS



GFG4™

Polypropylene Nonwoven with Polyethylene Backing

Kingfield Gel-Flex Composite Waterproofing Systems

28 mil Fabric Backed PE UV-Stable Membrane
Radon, Methane, Sulfate, and Soil Contaminant Barrier

Description

GFG4 is a polypropylene nonwoven fabric (28 mil) with a white polyethylene backing (4 mil) that was developed for the **Kingfield GEL-FLEX** composite waterproofing systems.

GFG4 consists of a natural colored polypropylene nonwoven fabric with a 4 mil coating applied to one side. The nonperforated white coating contains ultraviolet light stabilizers providing protection against UV degradation.

GFG4 is available in 10 ft x 150 ft rolls (1500 ft²/110 lb).

Advantages

Features

Light weight, easy to handle and install

Nonwoven fabric backing

UV stable, Durable, and Puncture Resistant

Benefits

Ease of application, fast productive application

Sheet mechanically bonds to cast-in-place concrete creating a fully adhered pre-applied composite waterproofing system.

Robust protection from the jobsite environment effectively protecting the waterproofing system prior to concrete pour.

Applications

The **GFG4** sheet is used as a durable protection course for the **Hydrogel** or **Turbo-Seal Gel-Flex** composite pre-applied waterproofing system to protect the **Hydrogel** or **Turbo-Seal** liquid membrane from damage and environmental harm. The fabric backing of the **GFG4** sheet creates a strong mechanical bond to cast in place concrete.

Pre-Applied Waterproofing Application Procedure

Apply **GFG4** sheet with fabric facing towards the installer over applied **Hydrogel** or **Turbo-Seal** membrane, lap adjacent sheets by a minimum of 1". Mechanically fasten as needed.

Physical properties

PROPERTY	RESULTS	TEST METHOD
Standard Weight	53 LB/1000 FT2	ASTM D2103
Thickness	42 Mil	ASTM 5199
Grab Tensile	170 LBF	ASTM D 4632
Grab Elongation	65%	ASTM D 4632
Trapezoidal Tear	54 LBF	ASTM D 4533
Hydraulic Burst	190 PSI	ASTM D 3786
Water Loss (per 72 hours)	.0205 LBS/FT2	ASTM C 156
Reflectance	85%	ASTM E 1347
Puncture Strength	70 LBS	ASTM D 4833

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