

PRODUCT DESCRIPTION

Gard-Drain® GRS is a drainage composite designed for Garden Roofing applications. It consists of a perforated core with a root resistant, needle punched, non woven filter fabric bonded to the top side of the core and a bottom protection fabric for applications over the roofing membrane. The core is installed dimple side down to allow water retention. The excess water is collected and drained to the plumbing system.

PRODUCT NUMBERS AND COLORS

Standard Color is: Black

PHYSICAL PROPERTIES

Description	Test Method	Results
Compressive Strength	ASTM D1621	9,000 psf
Thickness	ASTM D5199	1.0 in
Core Flow Rate =0.1	ASTM D4716	21 gpm/ min/ ft
Fabric Flow Rate	ASTM D4491	70 gpm/ft ²
Fabric Puncture	ASTM D6241	315 lbs
AOS	ASTM D4751	70 US Sieve
Water Storage Cap		0.11 / g/sf ²
Fabric Grab Tensile	ASTM D4632	150 lbs
Core perforation open		60,400 / mm ²
Recycled Content		75%

PRODUCT DATA

Roll Weight	Roll/Width	Roll/Length
40 lbs	36"	50'
80 lbs	36"	100'

INSTALLATION

Gard-Drain® GRS is installed in horizontal applications over membrane roofing systems. The seams are overlapped and the fabric is sealed so no particles of dirt or concrete can enter the core.

AVAILABILITY

Gard-Drain® GRS is available from the manufacturer, vendors, or factory trained contractors.

WARRANTY

Gard-Drain should not be used as an exposed wearing surface. Limit UV exposure to a maximum of 14 days.

Warranties are available upon successful installation and range in coverage. Contact the manufacturer for further information concerning warranties.

MAINTENANCE

Gard-Drain® GRS systems require no maintenance.

PACKAGING

36" x 50' is packaged 18 rolls per pallet
36" x 100' is package 8 rolls per pallet

The information, data and suggestions contained herein are believed to be reliable, based upon our knowledge and experience. For the most up to date information, please visit www.hydro-gard.com. HYDRO-GARD accepts no responsibility for the results obtained through application of this product. HYDRO-GARD reserves the right to update information without notice.