

DRAINMAX R-70 SHEET CORE



7 FLUID APPLIED | Membrane Waterproofing

PRODUCT DESCRIPTION

The DrainMax® R-70 Series of products offers cost effective drainage solutions for residential basements.

These core drains are designed to control below grade water. Constructed with a moderate strength core, DrainMax R-70 provides a continuous channel for water or air flow between structural walls or slabs.

DrainMax R-70 is available in 6' or 8' wide by 50' long rolls.

May help to contribute to LEED® credits:

EA Credit 1:	Optimize Energy Performance
EQ Credit 3.1:	Construction IAQ Management Plan: During Construction
EQ Credit 4.2:	Low Emitting Materials: Paints and Coatings
MR Credit 5.1:	Regional Materials: 10% Extracted, Processed and Manufactured Regionally
MR Credit 5.2:	Regional Materials: 20% Extracted, Processed and Manufactured Regionally

TECHNICAL DATA - DIMPLED CORE			R-70 - 6' or 8'
Properties	ASTM Test	Unit of Measure	Typical Values
Material			Polypropylene
Color			Black
Water Flow Rate ¹ (HG 0.1)	D-4716	gpm/ft	3.5
		Lpm/m	43.5
Water Flow Rate ¹ (HG 1.0)	D-4716	gpm/ft	12.5
		Lpm/m	155
Thickness	D-1777	in	.315
		mm	8
Compressive Strength	D-6364/D-1621	psf	7,000
		kPa	335
Air Gap Volume ²		gal/ft²	.13
		l/m²	5.3
Roll Width		ft	6 or 8
		m	1.83 or 2.44
Roll Length		ft	50
		m	15.24
Product Life Expectancy		> 25 years. The membrane should not be exposed to UV light for more than 30 days.	
Chemical properties		Excellent Chemical Resistance. Root and Rot Resistant	
Toxicity		Non Polluting, Non Toxic	
1 - In-plane flow rate measured at 1,440 psf (69 kPa) compressive load at referenced hydraulic gradient			
2 - Approximate value			



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Results may differ based upon statistical variations depending upon mixing methods and equipment, temperatures, application methods, test methods, actual site conditions and curing conditions. Installation conditions and methods can impact product performance. Consult your local GMX Sales Representative for Questions.

PRIOR TO EACH USE OF ANY GMX PRODUCT, THE USER MUST ALWAYS READ AND FOLLOW THE WARNINGS & INSTRUCTIONS ON THE PRODUCT'S MOST CURRENT PRODUCT DATA SHEET, PRODUCT LABEL AND SAFETY DATA SHEET WHICH ARE AVAILABLE ONLINE AT WWW.GMXCO.COM OR BY CALLING GMX AT 866-228-7743. NOTHING CONTAINED IN ANY GMX MATERIALS RELIEVES THE USER OF THE OBLIGATION TO READ AND FOLLOW THE WARNINGS AND INSTRUCTIONS FOR EACH GMX PRODUCT AS SET FORTH IN THE CURRENT PRODUCT DATA SHEET, PRODUCT LABEL AND SAFETY DATA SHEET PRIOR TO PRODUCT USE.