# DRAINMAX R-70 SHEET CORE

**7 FLUID APPLIED** | Membrane Waterproofing

RESIDENTIAL

## 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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ISO 9001:2015 REGISTERED TO GMX, INC.

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