NOVABLOCK 12

CRAWLSPACE
VAPOR BARRIER

IPG®

TECHNICAL DATA SHEET

DESCRIPTION

NovaBlock™ 12 is a virgin resin, woven reinforced membrane designed to guard against moisture and gas intrusion. The high-strength reinforced scrim offers superior puncture and tear resistance against heavy construction traffic. The extreme durability and low permeance of NovaBlock 12 make it a great fit for the most demanding vapor intrusion projects.

RECOMMENDED APPLICATONS

Crawlspace encapsulations, radon mitigations, underslab moisture control, vapor intrusion projects

PRODUCT SPECIFICATIONS

Weave	Woven clear HDPE scrim
Coating	LDPE, 1.75 mil average each side (41 g/m2/side)
Color	White, yellow or other coatings available
Weight	5.7 oz/yd^2 (193.3 g/m^2) ± 5%

PRODUCT DIMENSIONS

Cores	3 inch I.D. available
Folded	V or C folded options available
Roll Sizes	4′ x 200′; 12′ x 100′ standard roll size offerings

WARRANTY

Limited Lifetime Warranty in development.

PERFORMANCE PROPERTIES

The following data are based on limited values obtained according to ASTM standard tests. These values are typical data and are not intended as limiting specifications.

Thickness ASTM D1777	12 mil (0.30 mm), ± 10%
Strip Tensile New Material (N/5cm) ASTM D5035	MD 150 lb/in (1300) / TD 120 lb/in (1040)
Tongue Tear Large Scale (N) ASTM D5884	MD 80 lb (355) / TD 80 lb (355)
Grab Tensile (N) ASTM D7004	MD 220 lb (978) / TD 180 lb (800)
Trapezoidal Tear (N) ASTM D4533	MD 70 lb (311) / TD 55 lb (244)
Mullen Burst (kPa) ASTM D751	340 psi (2344 kPa)
Usage Temperature	70°C (158°F) MAX -60°C (-76°F) MIN
Water Vapor Permeance	0.433 g/sq. m x day
Water Vapor Transmission Rate ASTM E96	0.0258 grains/ft²hr
ASTM E1745 Classification	*In Progress*



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