



TECHNICAL DATA SHEET

20 Mil Vapor Barrier



PRODUCT NAME:

YCS 100% Reinforced 20 mil Vapor Barrier

MANUFACTURER:

Your Crawl Space, Inc.
1056 Hunley Sullivans Road
Awendaw, SC 29429
(843) 887-3247 / www.yourcrawlspaces.com

DESIGNED USE:

For use in crawlspaces and basements. The YCS 100% reinforced 20 mil vapor barrier is designed for use in both vented crawlspaces, as a traditional vapor barrier, and in sealed crawlspaces for premium protection against ground moisture evaporation.

CONSTRUCTION:

The YCS 100% reinforced 20 mil vapor barrier is constructed using only premium, 100% virgin polyethylene. The high density woven reinforcement provides the maximum level of protection against punctures and tears. The woven polyethylene is then coated on both sides to provide not only a bright white top finish, but also give ideal protection against moisture and soil gas permeability.

SIZING:

12' x 75'
12' x 100'

WEIGHT:

Class leading 70 pounds per 1,000 sqft

WARRANTY:

Limited Lifetime Warranty. Subject to full warranty terms and installation requirements, including installation in a sealed and/or conditioned crawlspace or basement. See the current YCS warranty for complete terms.

100% REINFORCED WOVEN PROTECTION

20 Mil Technical Specifications

TESTED PERFORMANCE DATA



PRODUCT
YCS 20 mil

COATING COLOR
White/White

DATE RANGE
2025-2026

PROPERTY	METHOD	UNITS	VALUE
Weight	ASTM D5261	oz/yd ²	10
Weight	ASTM D5261	gsm	339
Breaking Strength warp	ASTM D5035	lb/in	260
Breaking Strength fill	ASTM D5035	lb/in	250
Grab Strength warp	ASTM D5034	lbf	390
Grab Strength fill	ASTM D5034	lbf	380
Trapezoidal warp	ASTM D4533	lbf	150
Trapezoidal fill	ASTM D4533	lbf	130
Tongue Tear warp	ASTM D2261	lbf	-
Tongue Tear fill	ASTM D2261	lbf	-
Tongue Tear-Large Scale warp	ASTM D5884	lbf	150
Tongue Tear-Large Scale fill	ASTM D5884	lbf	150
Mullen Burst	ASTM D3786	psi	680
Nominal Thickness (+/-10%)	ASTM D1777	mil	20.0
WVTR	ASTM F1249 Proc. B	g/m ² 24hr	0.08
Perms	ASTM F1249 Proc. B	perms	0.0154

ASTM F1249 conducted at 75% RH and 85°F

 LIMITED LIFETIME WARRANTY

ID: YCS-VB-20MIL UPDATED: 09/23/26



CONFIDENCE FROM THE GROUND UP

(843) 887-3247

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YOURCRAWLSPACE.COM

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