

TECHNICAL DATA

VI-20™ DETAILING FABRIC

VOLATILE ORGANIC COMPOUND VAPOR INTRUSION BARRIER

DESCRIPTION

VI-20™ Detailing Fabric is a seven-layer co-extruded membrane made from polyethylene to provide strength as well as resistance to VOC vapor transmission. VI-20™ Geomembrane is an underslab and vertical wall barrier that, when used in conjunction with Liquid Boot®, will inhibit volatile organic compound vapor migration through the concrete.

APPLICATION

VI-20™ Detailing Fabric is a material designed for use around penetrations and is used in conjunction with the VI-20™ Geomembrane.

BENEFITS

- ▶ Polyethylene layers provide excellent chemical resistance and physical properties
- ▶ Manufactured at an ISO 9001:2008 certified plant



EVOH technology provided in VI-20™ Detailing Fabric has been shown to have VOC diffusion coefficients 20 times lower than an 80 mil HDPE geomembrane.

TESTING DATA

VI-20™ DETAILING FABRIC PHYSICAL & CHEMICAL PROPERTIES		
PROPERTY	TEST METHOD	RESULT
Thickness, nominal	ASTM D5199	0.51 mm
Weight	ASTM D5261	498 g/m ²
Tensile Strength	ASTM E154	258 N/cm (58 lb/in)
Methane Permeability	ASTM D 1434	< 5 x 10 ⁻¹⁰ m ² /d • atm
Radon Diffusion Coefficient		< 0.25 x 10 ⁻¹² m ² /s

PACKAGING

VI-20™ Detailing Fabric is available in the following packaging option:

- ▶ 51 in. x 50 ft. Rolls

2870 Forbs Avenue, Hoffman Estates, IL 60192
800.527.9948 | <http://remediation.cetco.com>

IMPORTANT: The information contained herein supersedes all previous printed versions, and is believed to be accurate and reliable. For the most current information, please visit remediation.cetco.com. CETCO accepts no responsibility for the results obtained through application of this product. CETCO reserves the right to update information without notice.