

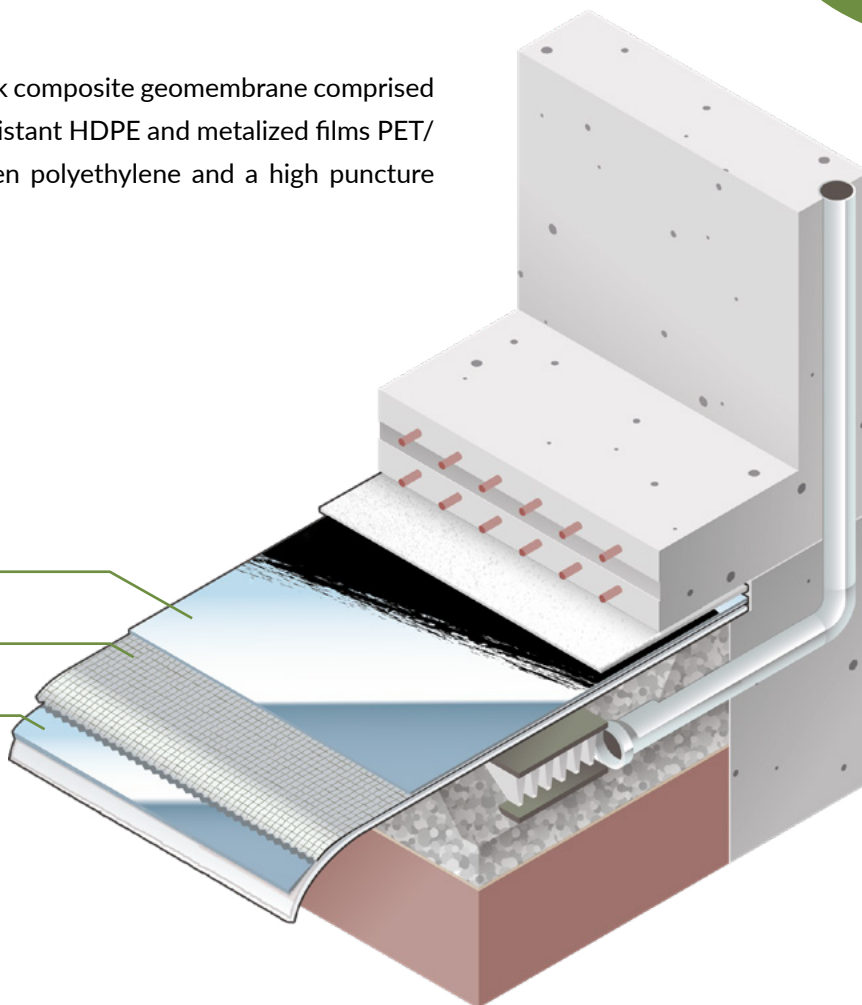


TerraBase™ Technical Data Sheet

TerraBase is a patent-pending 25-mil thick composite geomembrane comprised of double layers of flexible chemically resistant HDPE and metalized films PET/MET, laminated to a tear resistant woven polyethylene and a high puncture reinforcement geotextile.

TerraBase

Metalized Film (1)
Polyethylene Layer
Woven Polyethylene
RipStop
Metalized Film (2)
Polyethylene Layer



TerraBase General Properties

Properties	Test Method	TerraBase
Film Thickness		25 mil
Weight	ASTM D751 - 06	11.6 oz./yd ²
Tensile Strength (Grab)	ASTM D751 - 06	CD - 420.6 lbf. MD - 447.2 lbf.
Tear Strength (Trapezoidal)	ASTM D751 - 06	CD - 33.7 lbf. MD - 29.0 lbf.
Elongation	ASTM D751 - 06	CD - 35.1% MD - 34%
Puncture Resistance	ASTM D4833-07	117.2 lbf.
Life Expectancy	ASTM E 154-93	Indefinite
TCE Diffusion Coefficient	Land Science Internal Method	$2.68 \times 10^{-15} \text{ m}^2/\text{sec}$
Life Expectancy	Land Science Internal Method	$1.48 \times 10^{-16} \text{ m}^2/\text{sec}$
Packaging		102" x 150'