

SOPRABARRIER 20PE, 30PE, 40PE

Protects assemblies from root penetration

DESCRIPTION

SOPRABARRIER is composed of a virgin blended linearlow-density polyethylene (LLOPE). SOPRABARRIER is designed to protect underlying roofing and waterproofing assemblies from root penetration. SOPRABARRIER offers high puncture and tear resistance and is available in three thicknesses, 20, 30 and 40 mil.

APPLICATION

Prior to installation, unroll SOPRABARRIER and place into the designated position. Overlap with the adjacent sheet. For optimal performance, heat-welded all laps with a minimum 12 inch overlap. If heat-welding is not possible, overlap sheets approximately 24 inches and apply SOPRASEAL STICK FLASHPRO to the upper edge of the overlay.



TECHNICAL PROPERTIES

PROPERTY	20PE	30PE	40PE	TEST METHOD
Tensile Strength; ppi (N/cm)	112 (196)	303 (1,350)	224 (392)	D6693
Ultimate Elongation; %	950	950	950	D6693
Tear Resistance; lbf (N)	12 (53)	19 (85)	25 (111)	D1004
Puncture Resistance; lbf (N)	44 (196)	66 (294)	88 (391)	D4833
Carbon Black; %	2.5			D4218
Carbon Black Dispersion	PASS			D5596
Maximum Static use Temperature; °F(°C)	180 (82)			-
Minimum Static use Temperature; °F(°C)	-70 (57)			-

PRODUCT INFORMATION *

SPECIFICATIONS	20PE	30PE	40PE
Material	Linear-low-density polyethylene		
Height; ft (m)	12.67 (3.9)		
Length; ft (m)	75 (22.9)		
Thickness; mil (mm)	20 (0.50)	30 (0.76)	40 (1.0)
Coverage; ft ² (m ²)	950.25 (89.3)		
Coverage per Pallet; ft ² (m ²)	19,005 (1,765.6)	15,204 (1,412.5)	7,600 (706.1)
Weight; lb (kg)	88 (39.9)	133 (60.3)	176 (79.8)
Rolls per Pallet	20	16	8
Pallet Weight; lb (kg)	2,280 (1,034.2)	2,160 (979.8)	11,432 (649.5)

* All values shown are nominal and subject to normal manufacturing tolerances.

STORAGE & HANDLING

Store in a clean, dry location and cover as necessary to protect from environmental damage such as extreme cold, heat or moisture.