

# SOPRABARRIER 20PE, 30PE, 40PE

Root Barrier



APPLICATIONS

VEGETATED

PRODUCT DATA SHEET PDS10149 - REV 230321

## PRODUCT NUMBERS:

- W3062 - **12.67 x 75 ft (3.9 x 22.9 m) - Roll**
  - W3063 - **12.67 x 75 ft (3.9 x 22.9 m) - Roll**
- NOTE: 40PE is available upon special order only.  
All rolls are accordion folded to a 6 foot width.*

## DESCRIPTION & FEATURES:

**SOPRABARRIER** is composed of a virgin blended linear-low-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.

Refer to SOPREMA's published technical literature for additional details and application requirements.

## STORAGE:

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

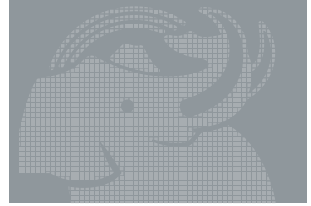
## WARRANTY:

For more information refer to [www.SOPREMA.us](http://www.SOPREMA.us) or contact your SOPREMA representative.



# SOPRABARRIER 20PE, 30PE, 40PE

Root Barrier



APPLICATIONS

VEGETATED

PRODUCT DATA SHEET PDS10149 - REV 230321

## TECHNICAL INFORMATION & TESTING:

DIMENSION & MASS			
PROPERTY	20PE	30PE	40PE
<b>Material</b>	Linear-low-density polyethylene	Linear-low-density polyethylene	Linear-low-density polyethylene
<b>Length, ft (m)</b>	75 (22.9)	75 (22.9)	75 (22.9)
<b>Width, ft (m)</b>	12.67 (3.9)	12.67 (3.9)	12.67 (3.9)
<b>Thickness, mil (mm)</b>	20 (0.51)	30 (0.76)	40 (1.0)
<b>Coverage, ft<sup>2</sup> (m<sup>2</sup>)</b>	950.25 (89.3)	950.25 (89.3)	950.25 (89.3)
<b>Coverage per pallet, ft<sup>2</sup> (m<sup>2</sup>)</b>	19,005 (1,765.6)	15,204 (1,412.5)	7,600 (706.1)
<b>Weight, lb (kg)</b>	88 (39.9)	133 (60.3)	176 (79.8)
<b>Rolls per pallet</b>	20	16	8
<b>Pallet weight, lb (kg)</b>	2,280 (1,034.2)	2,160 (979.8)	1,432 (649.5)

PHYSICAL PROPERTIES				
PROPERTY	20PE	30PE	40PE	ASTM
<b>Weight, lbs/msf (g/m<sup>2</sup>)</b>	100 (488)	150 (732)	200 (976)	-
<b>Tensile strength, ppi (N/cm)</b>	112 (196)	168 (294)	224 (392)	D6693
<b>Ultimate elongation, %</b>	950	950	950	D6693
<b>Tear resistance, lbf (N)</b>	12 (53)	19 (85)	25 (111)	D1004
<b>Puncture resistance, lbf (N)</b>	44 (196)	66 (294)	88 (391)	D4833
<b>Carbon black, %</b>	2.5	2.5	2.5	D4218
<b>Carbon black dispersion</b>		Pass		D5596
<b>Maximum static use temperature, °F(°C)</b>		180 (82)		-
<b>Minimum static use temperature, °F(°C)</b>		-70 (-57)		-

Data is represented by typical values, unless noted otherwise.