

TECHNICAL DATA SHEET
DURA 500 HIGH TENSILE STRENGTH, ELASTOMERIC SEBS COATING FOR FLAT ROOFS
 SUPERIOR POLYMERS INC., ANGUS, ONTARIO, CANADA

Specification	ASTM Method	Result
Type		Styrene-Ethylene-Butylene-Styrene
Color		Bright, 90% Reflective White
Weight per US gallon		9.24 lbs. (4.19 kg)
Viscosity @ 73.4 °F (23°C) #4, 6 RPM)	D2196	12,000 cps
Solids, Weight	D2697	54%
Solids, Volume	D2697	41%
Elongation 1000 hrs @ 73.4 °F (23°C)	D2370	792%
Initial tensile strength @ 73.4 °F (23°C)	D2370	1908 psi
Tear resistance (die C)	D624	285 ft/lbs per inch
Permeance 20 mil @ 73.4 °F (23°C), inverted, perms	D1653	0.085
Service Temperature		-70°F (-57°C) to 170°F (77°C)
Theoretical Coverage (Tar & Gravel surface @ 30 mil DFT)		22.27 sq ft/gal
Theoretical Coverage (Smooth surface Membrane (ie: epdm @ 20 mil DFT)		32.00 sq ft/gal
Water swelling 20 mil film, 73.4 °F (23°C), 168 hrs.	D471	0%
Wet adhesion BUR, 168 hrs, 73.4 °F (23°C)	C794	5.5 lbs per lineal inch
Wet adhesion Mod. Bitumen, 168 hrs. 73.4 °F (23°C)	C794	7.6 lbs per lineal inch
Wet adhesion TPO single ply, 168 hrs, 73.4 °F (23°C)	D4798	14.1 lbs per lineal inch
Wet adhesion EPDM single ply, 168 hrs, 73.4 °F (23°C)	D2370	5.9 lbs per lineal inch
Fungi resistance	D4798	Zero Growth
Low temp flex	D522	Pass
Appearance (1000 hrs accelerated weathering)	D4798	No cracking or checking
VOC Content	D3960	500 g/l
Reflectance	C1549	90
Emittance	C1371	88
Surface burning characteristics	E84 (CAN/ULC/S102)	Class A
Solvent for equipment clean-up		Xylene, Solvent Naphtha, Mineral Spirits