



PRODUCTS FOR OUR ENVIRONMENT

TECHNICAL DATA SHEET

ERS-TPO Flashing

For Professional Use Only



PRODUCT DESCRIPTION:

ERS-TPO Flashing is a .060" (60 mil) thick (nominal), non-reinforced TPO (polyolefin-based) membrane.

USES:

The ERS-TPO Flashing is primarily used to seal details where field fabrication is necessary, such as drain details, pipe flashings, pitch pocket flashings, seaming joints of the ERS-TPO Clad Metal, and any place where reinforced membrane is not practical.

PHYSICAL CHARACTERISTICS:

Colors: (Standard) White
(Special Colors) Gray and Tan
Thickness: .060-inch (nominal, +15 / - 10%) thick (60 mil) membrane
Size: 12" or 24" wide by 50' long

Properties	ASTM Test Method	Specification
Tolerance on nominal thickness, %	D 412	+15 / -10
Weight, lb/ft ² (kg/m ²), typical		0.30 (1.5)
Tensile strength, min., psi (Mpa)	D 412 Die C	1500 (10.3)
Elongation, ultimate, min., %	D 412 Die C	500
Tear strength, min., lbf/in (kN/m)	D 624 Die C	300 (52.3)
Ozone resistance, 168h @ 100 pphm, 50% ext	D 1149	No Cracks
Heat aging: 28 days at 240°F (116°C)	D 573	
Tensile strength, min., psi (MPa)	D 412	1400 (9.7)
Elongation, ultimate, min., %	D 412	400
Tear strength, min., lbf/in (kN/m)	D 624	250 (43.8)
Linear dimensional change, max., %	D 1204	±4
Resistance to Xenon-arc weathering	G 26	No Cracks
Xenon-Arc, 5040 kJ/m ² total radiant	0.70 W/m ²	
Exposure, visual condition at 10X	80°C B.P.T.	

PACKAGING & STORAGE:

ERS-TPO Flashing should be stored in a clean, dry area and protected from extreme temperatures.

INSTALLATION:

ERS-TPO Flashing shall be installed by heat welding. Refer to Ecology Roof Systems Details published in the Ecology Roof Systems Specification Manual for specific uses.

PRECAUTIONS:

Do not overheat membrane when welding with hot air tools.

Ecology Roof Systems®

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