



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®

Corporate Offices: 9821 Olde Eight Road, Unit F, Northfield, OH 44067

PHONE: 330-467-4220 FAX: 330-467-4225 www.ecologyroof.com

REGIONAL OFFICES LOCATED ACROSS THE U.S.

To the best of our knowledge, all technical data contained herein is true and accurate as of the date of issuance and subject to change without prior notice. User must contact Ecology Roof Systems to verify correctness before specifying or ordering. We guarantee our products to conform to the quality control standards established by Ecology Roof Systems. We assume no responsibility for coverage, performance or injuries resulting from use. Liability, if any is limited to replacement of the product. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY ECOLOGY ROOF SYSTEMS, EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OF LAW, OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.