

PRODUCT DATASHEET
RO-Foil ST WP
Description

TPO / FPO Membrane is produced for use on Ecologic Pond, Channel, Pool vs. for holding water.

- UV Resistance
- Anti-Toxic
- Signal Layer
- Resistance to micro-organism and roots
- Moss Free
- Natural usage with ecological life

TECHNICAL FEATURES

Features	EN	U.M.	Tolerance	Values			
Thickness	EN 1849-2	mm	(-5/+5%)	1,2	1,5	1,8	2,0
Density	EN 1849-2	kg/m ²	(-5/+10%)	1,08	1,35	1,62	1,80
Dimensional Stability	1107-2	%		≤ 0,5			
Tensile Strength L/T	12311-2	N/mm ²		15/15			
Elongation at break L/T	12311-2	%		600/600			
Cold Flexibility	EN 495-5	°C		<-40*			
Resistance to Static Loading	12236	kN		2,5		3	
Resistance to Impact	12691/B	mm		≥1800			
Tear Resistance L/T	12310/1	N		330/240	450/400	550/500	650/600
Hail Resistance	13583	m/s		≥30			
Water Vapour Permeability	1931	μ		50.000			
Tensile Strength (joint)	12317-2	N/cm		Compliant			
Peeling (joint)	12316-2	N/cm		≥58			
UV Resistant	12224-5000h			No Damage			
Resistance to Alg/Microorganism	ISO 846 L2			Compliant			
Root Resistance	EN 13948			Compliant			
Resistance to oxidation	14575			Compliant			
Contact with drinking water	EN13361-62			Compliant			

PRODUCTION STANDARTS

Thickness	mm	1,2	1,5	1,8	2,0
Width	m	2,10	2,10	2,10	2,10
Length	m	25	20	20	20
Colour		Green / Black			

(*) Different thicknesses and lengths are available on demand and for minimum quantities.

ROBUST Membranes are produced by IMPER ITALIA SRL for KOZ INDUSTRY and CONSTRUCTION Company.

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