

**Product Datasheet**
**RO-Flex**

**Description**

PVC membrane is produced for foundation, retaining wall, tunnel and inverted roofs.

- Signal layer
- Resistance to micro-organism and roots

**TECHNICAL FEATURES**

Features	EN Standarts	U.M.	Tolerance	Values			
Thickness	EN 1849-2	mm	(-5/+5%)	1,5	1,8	2,0	3,0
Density	EN 1849-2	kg/m <sup>2</sup>	(-5/+10%)	2,0	2,4	2,7	4,0
Cold Flexibility	EN 495-5	°C		<-35			
Tensile Strength	EN 12311-2	N/mm <sup>2</sup>		≥15			
Elongation at Break	EN 12311-2	%		≥250			
Resistance to Static Loading	EN 12730	kg		20	20	20	20
Resistance to Static Loading	EN 12736	kN		1,5	2,0	2,5	3,0
Resistance to Impact	EN 12691	mm		≥750	≥900	≥1000	≥1800
Resistance to Micro-organism	EN 12225			Compliant			
Root Resistance	UNI CEN/TS 144416			No Damage			
Tear Strength	EN 12310/2	N/mm		≥100			
Resistance to Fire	EN 13501-1	Euroclass		Class E			

**PRODUCTION STANDARTS**

Thickness	mm	1,5	1,8	2,0	3,0
Width	m	2,10	2,10	2,10	2,10
Length	m	20-25	20-25	20-25	20-25
Colour		Orange / 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.

[www.kozas.com.tr](http://www.kozas.com.tr)



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