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## PRODUCT DATA SHEET



TS EN 13969

## BITUPROOF Y (3.5 mm)

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<b>PRODUCT DESCRIPTION</b>	Modified bitumen tanking membrane for horizontal surfaces			
<b>USAGE</b>	First layer membrane in bitumen waterproof membrane tanking systems. Tip A - Tip T			
<b>APPLICATION METHOD</b>	Apply torch along overlaps.			
<b>TOP SURFACE</b>	Special mineral surfacing to ensure superb adhesion to Bituproof Protector which has to be installed as top layer.			
<b>BOTTOM SURFACE</b>	Polyethylene film			
<b>COATING TYPE</b>	Polyester			
<b>STORAGE</b>	Rolls to be stored upright and away from heat.			
<b>ECOLOGICAL DATA</b>	Can be used in natural atmosphere			
<b>TEST</b>	<b>METHOD</b>	<b>UNIT</b>	<b>TOLERANCE</b>	<b>VALUES</b>
Width	TS EN 1848 - 1	m	-0,02	1
Length	TS EN 1848 - 1	m	-0,03	10
Thickness	TS EN 1849 - 1	mm	±0,2	3,5
Tensile Strength (Transverse)	TS EN 12311 - 1	N/5cm	±100	530
Tensile Strength (Longitudinal)	TS EN 12311 - 1	N/5cm	±100	740
Elongation at break (Transverse)	TS EN 12311 - 1	%	±10	40
Elongation at break (Longitudinal)	TS EN 12311 - 1	%	±10	40
Resistance to tearing (Transverse)	TS EN 12310 - 1	N	±50	250
Resistance to tearing (Longitudinal)	TS EN 12310 - 1	N	±50	200
Flexibility at low temperature	TS EN 1109	°C	min.	-16
Resistance to impact	TS EN 12691 (METHOD A)	mm	-	1000
Resistance to static loading	TS EN 12730 (METHOD B)	kg	-	15
Shear resistance of joint	TS EN 12317 - 1	N/5cm	min.	430
Flow resistance at elevated temperature	TS EN 1110	°C	min.	100
Adhesion Strength	TS EN 12316 - 1	N/5cm	min.	100
Reaction to fire	TS EN 13501 - 1	-	-	E
Watertightness	TS EN 1928 (Method B 60 kPa)	-	-	pass
External Fire Performance	TS EN 1187	-	-	FROOF
Resistance to root penetration	TS EN 13948	-	-	NPD
Dangerous substances	-	-	-	none
Artificial aging	TS EN 1296 / TS EN 1928 (Method B 60 kPa)	-	-	pass
Resistance to chemicals	TS EN 1847 / TS EN 1928 (Method B 60 kPa)	-	-	pass

NPD = (No performance defined)

\* For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet

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