



www.btm.co

Bituminous Waterproofing Membranes Co.
Kemalpaşa Org. San. Bölgesi Mah. Gazi
Bulvarı, No: 152
Kemalpaşa / İZMİR / TURKEY
Tel: +90 0232 877 04 02 (8 line)
Fax: +90 0232 877 04 10

PRODUCT DATA SHEET



SP 16

TS EN 13859-1

Document number : PDS-096-1

Publication Date : 01th, Sep. 2010 Revision date : -

PRODUCT DESCRIPTION		Oxidized bitümen waterproofing membrane			
USAGE		Used as underlay for discontinuous roofing (shingles) for waterproofing			
APPLICATION METHOD		Mechanically fixed by nails - Please refer to application booklet			
TOP SURFACE		Fine sand			
BOTTOM SURFACE		Polyethylene Film			
COATING TYPE		Polyestere			
STORAGE		Rolls to be stored upright and away from heat.			
ECOLOGICAL DATA		Can be used in natural atmosphere			
TEST	METHOD	UNIT	TOLERANCE	VALUES	
Visible defects	TS EN 1850-1	-	-	None	
Length	TS EN 1848-1	m	Min.	20	
Width	TS EN 1848-1	m	-.%0,5; +%1.5	1	
Straightness	TS EN 1848-1	mm/m	Max.	3	
Mass per unit area	TS EN 1849-1	gr/m ²	±%10	2000	
Tensile Strength (Transverse)	TS EN 12311-1	N/50mm	Min.	300	
Tensile Strength (Longitudinal)	TS EN 12311-1	N/50mm	Min.	400	
Elongation at break (Transverse)	TS EN 12311-1	%	Min.	25	
Elongation at break (Longitudinal)	TS EN 12311-1	%	Min.	25	
Resistance to water penetration	TS EN 1928 Metod A (2kPa)	Class	-	W1	
Resistance to tearing (Transverse)	TS EN 12310-1	N	Min.	80	
Resistance to tearing (Longitudinal)	TS EN 12310-1	N	Min.	80	
Dimensional Stability	TS EN 1107-1	%	Max.	0,6	
Flexibility at low temperature	TS EN 1109	°C	Min.	0	
After artificial ageing	Tensile Strength (Transverse)	TS EN 13859-1 Annex C, TS EN 12311-1	N/50mm	Min.	300
	Tensile Strength (Longitudinal)	TS EN 13859-1 Annex C, TS EN 12311-1	N/50mm	Min.	400
	Elongation at break (Transverse)	TS EN 13859-1 Annex C, TS EN 12311-1	%	Min.	25
	Elongation at break (Longitudinal)	TS EN 13859-1 Annex C, TS EN 12311-1	%	Min.	25
	Resistance to water penetration	TS EN 13859-1 Annex C, TS EN 1928 Method A	Class	-	W1
Reaction to fire	TS EN 13501-1	Class	-	E	
Dangerous substances	-	-	-	None	

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

The manufacturer serves the right to modify, at any time, the characteristics of its products

BF/14-17-0