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Bituminous Waterproofing Membranes Co.
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PRODUCT DATA SHEET



KİREMİTALTI KKF 1000

TS EN 13859-1

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PRODUCT DESCRIPTION	Oxidized bitümen waterproofing membrane				
USAGE	Used as underlay for discontinuous roofing (tiles) for waterproofing				
APPLICATION METHOD	Mechanically fixed by nails - Please refer to application booklet				
TOP SURFACE	Polypropylene fabric				
BOTTOM SURFACE	Polyethylene Film				
COATING TYPE	Cardboard				
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	1000	
Tensile Strength (Transverse)	TS EN 12311-1	N/50mm	. -%0; +%30	350	
Tensile Strength (Longitudinal)	TS EN 12311-1	N/50mm	. -%0; +%30	450	
Elongation at break (Transverse)	TS EN 12311-1	%	(-0 ;+5)	20	
Elongation at break (Longitudinal)	TS EN 12311-1	%	(-0 ;+5)	2	
Resistance to water penetration	TS EN 1928 Metod A (2kPA)	Class	-	W1	
Resistance to tearing (Transverse)	TS EN 12310-1	N	±%30	250	
Resistance to tearing (Longitudinal)	TS EN 12310-1	N	±%30	210	
Dimensional Stability	TS EN 1107-1	%	Max.	0,5	
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	. -%0; +%30	150
	Tensile Strength (Longitudinal)	TS EN 13859-1 Annex C, TS EN 12311-1	N/50mm	. -%0; +%30	400
	Elongation at break (Transverse)	TS EN 13859-1 Annex C, TS EN 12311-1	%	(-0 ;+5)	1
	Elongation at break (Longitudinal)	TS EN 13859-1 Annex C, TS EN 12311-1	%	(-0 ;+5)	1
	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