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Bituminous Waterproofing Membranes Co.
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PRODUCT DATA SHEET



**KİREMİTALTI
KK 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		Polyethylene Film			
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/m²	±%10	1000
Tensile Strength (Transverse)		TS EN 12311-1	N/50mm	. -%0; +%30	150
Tensile Strength (Longitudinal)		TS EN 12311-1	N/50mm	. -%0; +%30	400
Elongation at break (Transverse)		TS EN 12311-1	%	(-0 ;+5)	1
Elongation at break (Longitudinal)		TS EN 12311-1	%	(-0 ;+5)	1
Resistance to water penetration		TS EN 1928 Metod A (2kPA)	Class	-	W1
Resistance to tearing (Transverse)		TS EN 12310-1	N	±%30	70
Resistance to tearing (Longitudinal)		TS EN 12310-1	N	±%30	60
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