

26.10.2018

## SISALTION 436

This to confirm, the properties of Sisalation 436 in below Table has been issued by the Manufacturer, Fletcher Insulation.

Item	Description	unit	Sisalation 436
	<b>Requirement of SABS 381-Part IV-1985</b>		
1	Classification		O
2	Length	m	60m
3	width	mm	1250-1350mm
4	Mass per unit area	g/m <sup>2</sup>	210
5	Resistance to Dry Delamination	pass	Pass
6	Resistance to Wet Delamination	pass	Pass
7	Resistance to Corrosion	-	No delamination
	<b>Shrinkage</b>		
8	Machine Direction	%	<1.0
9	Cross Direction	%	<1.0
10	Emissivity		<0.05
	<b>Water Vapour Permeance</b>		
11	Creased	g/(s.MN)	<<0.002
12	Uncreased	g/(s.MN)	<<0.001
	<b>Tensile Breaking Strength</b>		
13	Machine Direction (min.value)	kN/m	7.5 kN/m
14	Cross Direction (min value)	kN/m	4.5 kN/m
	<b>Edge Tear Resistance</b>		
15	Machine Direction (min value)	N	51 N
16	Cross Direction (min value)	N	108 N
17	Bursting Strength	kPa	N/A

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18	Puncture Resistance	mJ	N/A
19	Surface Fire Index	-	Class 1
<b>System Thermal Insulation</b>			
20	Average Thickness of Sample (inclusive of airspaces)	mm	0.17
21	Hot Face Temperature	°C	Not tested
22	Cold Face Temperature	°C	Not tested
23	Mean Temperature	°C	Not tested
24	Temperature Difference	°C	Not tested
25	System Thermal Insulation	(m <sup>2</sup> .K)/W	1.3*
			* when installed with a 20mm air gap

Regards,

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Export Manager