

# TECHNICAL DATASHEET

# FIRESTONE 1.00MM EPDM

## PRODUCT DESCRIPTION

Firestone 1.00mm EPDM Rubber Lining Material.



TEST	UNIT	REQUIREMENT	ASTM METHOD
HARDNESS	°IHR	65±5	
TENSILE STRENGTH	MPa/Kg/cm <sup>2</sup>	Min 8.0/8.0	D412 Die C
ELONGATION AT BREAK	%	Min.300	D412
DENSITY	g/cm <sup>3</sup>	1.2±0.05	
BRITTLE POINT	°C	-49	D2137
TEAR STRENGTH	N/mm	27 Min	D624 Die C
<b>PROPERTIES AFTER HEAT AGEING</b>			
168 HOURS AT 121°C			
TENSILE STRENGTH	MPa/K/cm <sup>2</sup>	Min. 7.2/72	D412 Die C
ELONGATION	%	Min.200	D412
<b>OZONE AGEING</b>			
50 ppm 96 HOURS, 30°C AT 80% ELONGATION			
NO CRACKS			
<b>LENGTH CHANGE</b>			
THE SAMPLES ARE CONDITIONED FOR 24 HOURS AT +20°C THEN HEATED FOR 1 HOUR AT +100°C AND THEN COOLED DURING 2 HOURS TO +20°C AND RE-MEASURED			
ALONG	%	Max. 0.5	
ACROSS	%	Max 0.5	

1. TCS Geotechnics is a trading name of Technical Civils Solutions Ltd.
2. TCS Geotechnics Ltd reserves the right to alter product specifications without prior notice.
3. It is the responsibility of all users to satisfy themselves that the above data is current.
4. The above figures are average values obtained from testing to current EN ISO standards.
5. TCS Ltd cannot accept responsibility for the performance of these products as the conditions of use are beyond our control.
6. Installation details are available on request.

## REGISTERED OFFICE ADDRESS

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