

**RM-SPECIFICATION****Material : Ceramic fiber paper (Fiber Frax)****Item Code:****Purpose : Insulation****Date****10/02/2025****MATERIAL
CODE:****I04****REV****00**

S/No	Description	UOM	Specification
1.	Physical State	-	Solid
2.	Grade	-	S (1260°C)
3.	Element	%	Percentage
a)	Al ₂ O ₃	%	41 - 47
b)	SiO ₂	%	53 - 58
c)	Fe ₂ O ₃ + TiO ₂	%	< 0.5
4.	Loss on Ignition	wt. %	< 10
5.	Product Density	kg/m ³	150 - 210
6.	Tensile Strength	kPa	>300
7.	Thickness	mm	1 (+0.4/-0.3)

PREPARED BY:

REVIEWED & APPROVED
BY:**RENEWABLE ENERGY SYSTEMS LIMITED**