



COOLMAX

THERMAL REFLECTIVE INSULATION

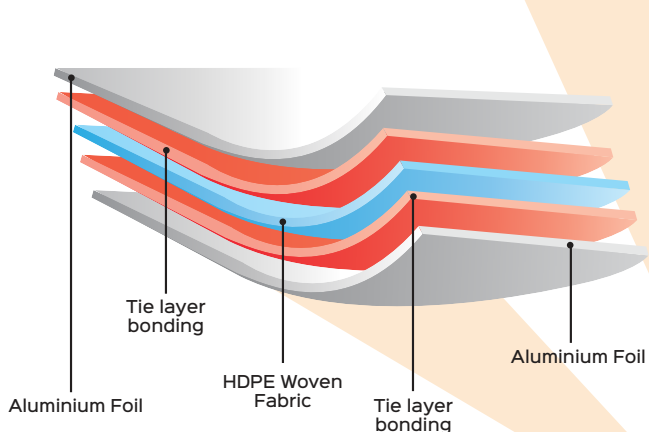
TERREAL COOLMAX™

MS AWA K750 - CF2A FR



The CoolMax MS AWA K750 (Product Code: CF2A FR), consists of 5 layers laminate made up of double sided aluminium foil, bonded to reinforce high density polyethylene woven fabric by special fire retardant material (MS WA K750).

Structure of Insulation



Key Benefits



Excellent Thermal Performance
Reflects up to 97% radiation heat.



3 In 1 Protection
Provides a protective insulation barrier, radiant barrier and water resistant membrane.



Fire Retardant
Achieved "class 0" classification and all international standards.



No Health Hazard Fiber Free
Anti bacterial, anti fungal, and non-asthmatic. Poses no health and safety risks.



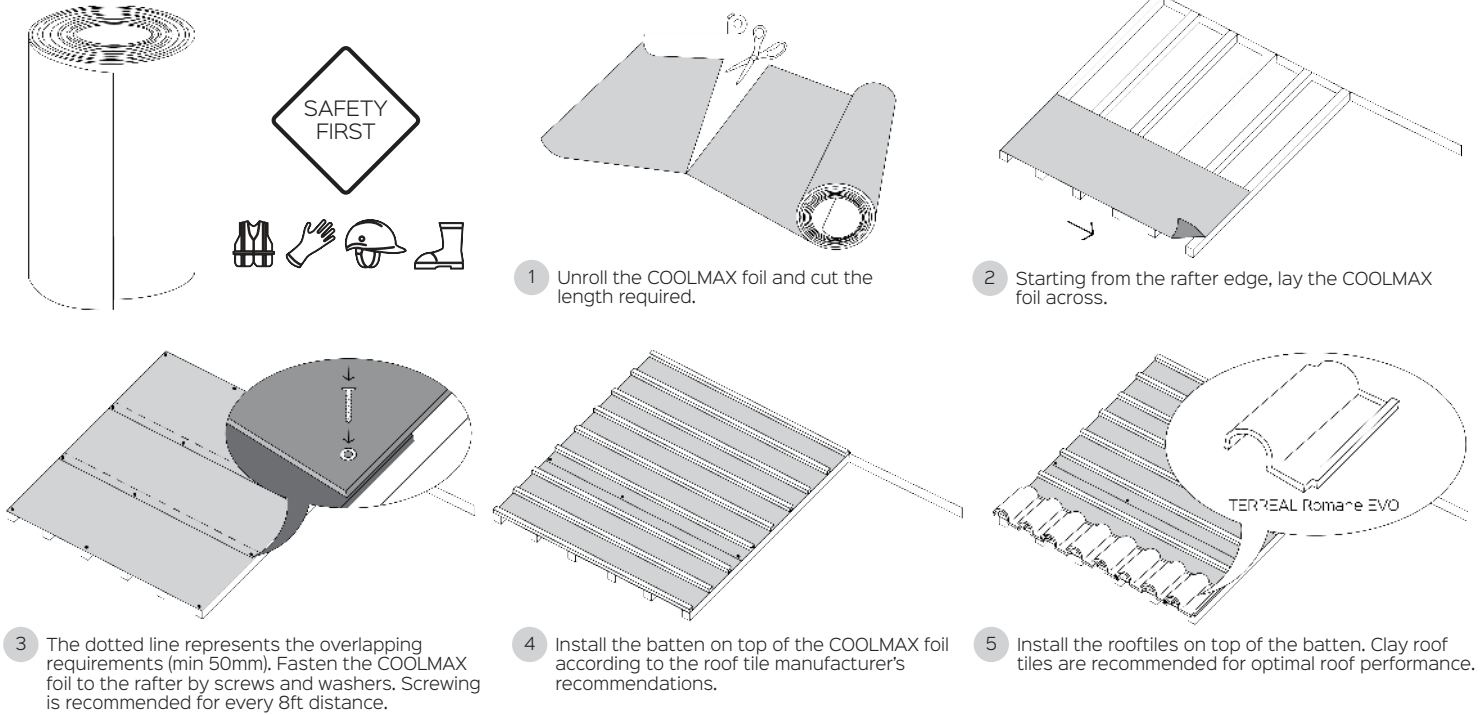
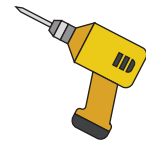
Easy Installation
No wire mesh, no additional protective film, light weight, fast and simple installation.



Energy Saving, Cost Saving
Reduces cost of energy consumption on thermal comfort such as air-conditioning.



Intallation Guide For Roof Tiles



Technical Specifications

Property	Units	CF2A-FR
Layer Description		Aluminum Foil/ Woven Fabric / Aluminum Foil
Nominal thickness	mm	+/- 0.15
Grammage	gsm	+/- 140
MS2095:2014 (SIRIM)		
Resistance to Dry Delamination	AS/NZS4201.1	Pass
Resistance to Wet Delamination	AS/NZS4201.2	Pass
Shrinkage – Machine Direction & Lateral Direction	AS/NZS4201.3	Pass
Tensile Strength - Machine Direction (AS/NZS1301.448s)	kN/m	<9.5 >7.5
Tensile Strength – Lateral Direction (AS/NZS1301.448s)	kN/m	<9.5 >7.5
Edge Tear Resistance - Machine Direction (TAPPIT470)	N	>200
Edge Tear Resistance - Lateral Direction (TAPPIT470)	N	>200
Vapour Barrier (ASTM E96, Procedure B-Wet Cup Test)	ug/N.s	Medium
Emittance (ASTM C1371)	e	0.02
Surface Flame Spread (BS 476:Part 7)		Class 1
Fire Propagation Test (BS 476:Part 6)		Class 0



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