

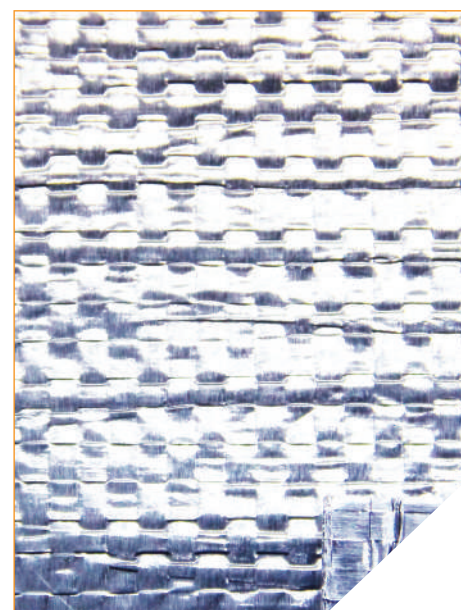
COOLMAX

THERMAL REFLECTIVE INSULATION

CF2A FR (MS AWA K750)

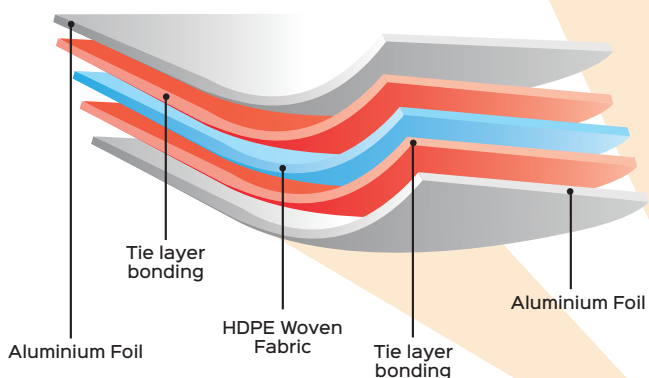


Roll Size : 1.22m (W) x 60m (L)
 Coverage : Coverage 73.2m² / roll



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 tie layer bonding material.

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.



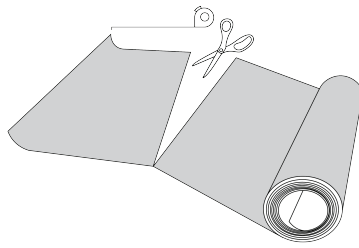
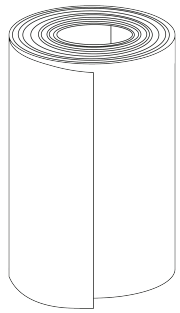
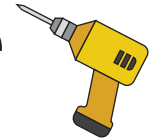
No Health Hazard Fiber Free
 Anti bacterial, anti fungal, and non-asthmatic. Poses no health and safety risks.



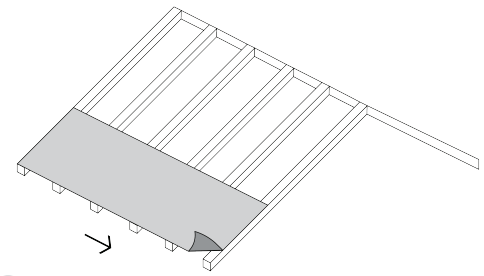
Easy Installation
 No wire mesh, no additional protective film, light weight, fast and simple installation.



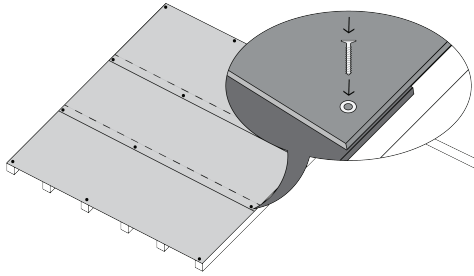
Energy Saving, Cost Saving
 Reduces cost of energy consumption on thermal comfort such as air-conditioning.



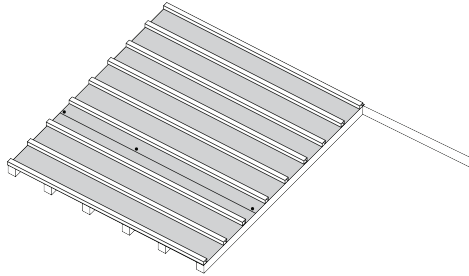
1 Unroll the COOLMAX foil and cut the length required.



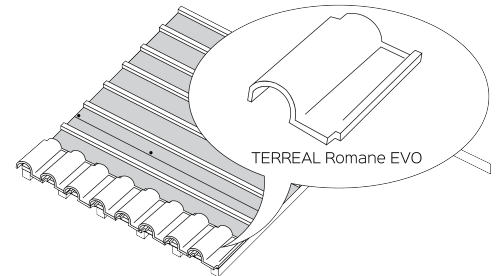
2 Starting from the rafter edge, lay the COOLMAX foil across.



3 The dotted line represents the overlapping requirements (min 50mm). Fasten the COOLMAX foil to the rafter by screws and washers. Screwing is recommended for every 8ft distance.



4 Install the batten on top of the COOLMAX foil according to the roof tile manufacturer's recommendations.



5 Install the roof tiles on top of the batten. Clay roof tiles are recommended for optimal roof performance.

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

