

ALPOLIC®/fr CCM

ALPOLIC®/fr CCM is a copper composite material composed of a copper sheet on the topside, a non-combustible mineral-filled core and a copper sheet on the backside. Like solid copper, ALPOLIC®/fr CCM is perfect for architectural wall cladding applications and accent trim on buildings



Ceridian Corporate Building / U.S.A

Features

The natural copper surface's ever-changing finish constantly evolves, adding richness and depth to any building's facade. ALPOLIC®/fr CCM offers the rigidity of heavy gauge sheet metal in a lightweight copper-faced composite material. CCM also features such attributes as superior flatness, vibration dampening, durability and ease of maintenance

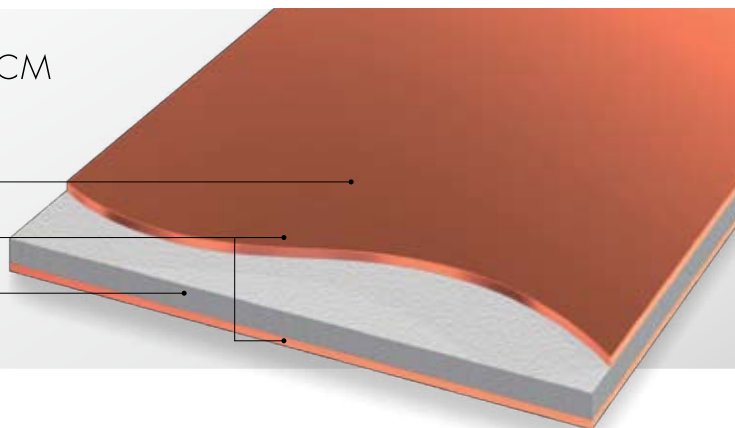
Composition of ALPOLIC®/fr CCM

Total thickness : 4mm

Mill finish

Copper sheet 0.4mm

Non-combustible mineral filled core



DIMENSION (STANDARD)

Thickness (tolerance ±0.2mm)	Standard Width (tolerance; ±2.0mm)	(Bow tolerance)
4mm	965mm	±0.5% of the length and/or width
Skin thickness	Length (tolerance; ±4.0mm)	(Squareness tolerance)
0.4mm	3708mm	Max 5.0mm

CHARACTERISTICS (FOR STANDARD DIMENSION)

	Method	Unit	ALPOLIC®/fr SCM	
Physical properties	Thickness	–	4mmt	
	Specific gravity	–	3.13	
	Weight	–	kg/m ²	
	Thermal expansion	ASTM D696	× 10 ⁻⁶ /°C	17
	Thermal conductivity	Calculated value	W/m-K	0.42
	Deflection temperature	ISO 75-2	°C	140