



FIBER ROOFING

South African Manufacturer & Exporter of Thatch Products



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CORREX

Correx is a brand name of corrugated plastic and a registered trademark of DS Smith Correx (a member of the DS Smith Group). Correx is extruded, twin wall, fluted polypropylene that can have a wide variety of additives to make it suitable for specific purposes.

Options include a flame retardant, UV resistant, and Anti-Static additives. As colour is added to the base polymer any variation of colour can be produced. The Cape Reed is glued to the Correx boards. The boards are more durable than Masonite boards, lighter weight than Masonite and are both chemical and water resistant. It has a good fatigue resistance with very low moisture absorbency.

It is easy to thermoform and can be fabricated and welded. It is ideal for cladding applications. It is fully recyclable, chemically inert with a neutral PH. Correx sheets are resistant to most oils, solvents and water making it ideal for our purpose. Should a board burn only carbon monoxide, carbon dioxide and a low concentration of oxidation and other by-products such as formaldehyde is released. We glue the reed to 5mm (1500gsm) thick black boards. An 8mm. board is available. In addition to our standard range Flame retardants and UV can be added at an extra cost.

General properties:

PROPERTY	TEST METHOD	UNITS	VALUE
Density @ 23degrees C	ISO R1183	g/cm3	0.9
Melting pot	ASTM D3418	°C	161
Deflection temp. load (0,46 Mpa)	ASTM D648	°C	73
Vicat Softening temp 1 Kg	ASTM D1525	°C	147
Flex Modulus @ 23 degrees C	ASTM D790	MPa	1150
Tensile Modulus	ASTM D638	Mpa	1400
UL Flame class	94 HB	-	-
Oxygen	(ASTM D635)	%	17.4-18

