STONGRATE FIBREGLASS COMPOSITES	FRP/GRP CAT LADDER	DATE : 2021.11.16
		REF. : SPC/CAT
PROJECT	**TITLE**	REV. : 4
GENERIC SPECIFICATION	GRP CAT LADDERS	PAGE : 1 OF 1

Supplier - StonCor Africa (Pty) Ltd

Resin System - ISOFR – High grade chemical resistant Isophthalic. The resin formulation is designed for industrial and chemical processing applications where corrosion resistance is important.

Manufacture Method - Pultruded, with a 35% resin to 65% fibreglass ratio.

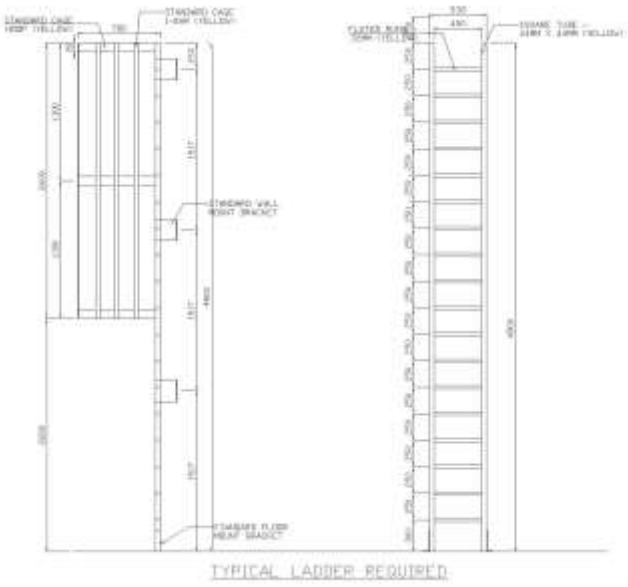
Mounting Method - Ladder wall and floor mount brackets shall be fabricated from pultruded shapes, 9mm minimum thickness.

Fire Retardancy - Complies with ASTM E-84 Flame Spread rating of 25 or less.

UV Stable - Yes. Ladders to be located outdoors in direct UV shall be shop coated with a two-part polyurethane coating for improved durability and UV resistance.

Colour - All ladder and cage components are to be integrally pigmented yellow. All wall and floor mount brackets shall be Dynaform® ISOFR dark grey.

Sizes - The ladder side rail shall be 45 mm square tube with a wall thickness of 6 mm or greater. The rungs shall be 32 mm diameter pultruded structural shapes, continuously fluted to provide a non-slip surface. Rungs that are gritted as a secondary operation shall not be permitted. The ladder cage vertical bars shall be 40 mm wide by 5mm thick pultruded. Cage hoops and cage brackets shall be manufactured by the open mould hand lay-up process. Top, intermediate and bottom hoops shall be 80 mm wide by 9 mm thick minimum

Hardware - All hardware shall be S/S316

Assembly - The cat ladders can be custom made to suite your requirements.