



ROOFING & CLADDING



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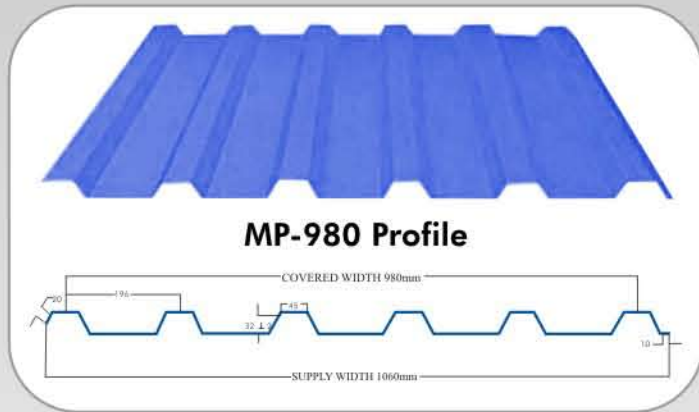
MULTICOLOR PROJECTS (INDIA) LTD.

Engineering the Earth

Multicolor projects (India) Ltd., an ISO 9001: 2000 accredited company, specializes in manufacture, supply and erection of (PEB) pre-engineered steel buildings and pre-fabricated steel buildings. MPIL pre-engineered buildings are custom-designed to meet exact requirements

using steel structures, plate welded H/I neams, profiled sheets, "Z" and "C" sections, steel decking sheets, skin and insulated sandwich panels and other building accessories such as flashing, gutters, ridges, doors, windows and louvers.

MP-980



MP-980 Profile

MP-980 is the superior, world-class, finest roofing and cladding profile in India for all span horizontal and vertical applications. Our fully automatic high speed MP-980 roll forming line with hydraulic controls, offers superior quality product.

TECHNICAL SPECIFICATION

Coil input Width	1250 mm
Covered Width	980 mm
Supply Width	1060 ± 10 mm
Pitch	196 mm
Crest Height	32 ± 2 mm
Crest Width	45 mm
Lip	10 mm

LOAD CHART

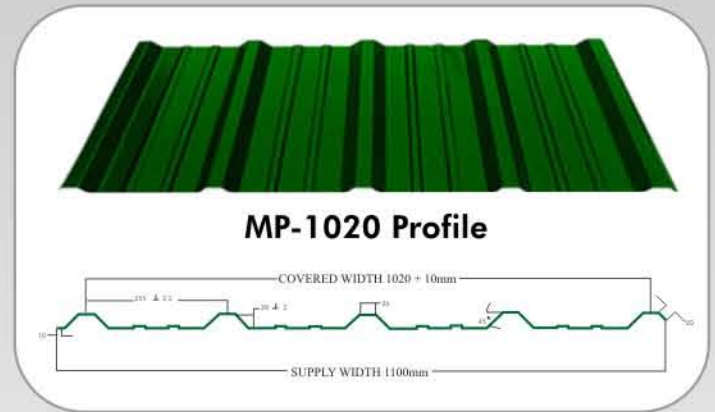
Design Thickness of Profile – MP-980

Design Thickness: 0.35, 0.42, 0.45, 0.47, 0.5, 0.55, 0.6, 0.8 & 1 mm

Span (m)	Yield Stress = 2400 kg/cm ²		Yield Stress = 3400 Kg/ cm ²	
	Wind Load = 100 kg/m ²	Wind Load = 150 kg/m ²	Wind Load = 100 kg/m ²	Wind Load = 150 kg/m ²
0.9	0.35	0.35	0.35	0.35
1	0.35	0.35	0.35	0.35
1.1	0.45	0.45	0.45	0.45
1.2	0.45	0.45	0.45	0.45
1.4	0.45	0.45	0.45	0.45
1.5	0.5	0.5	0.5	0.5
1.6	0.5	0.6	0.5	0.6
1.8	0.5	0.6	0.5	0.6
2.0	0.6	0.8	0.6	0.8
2.25	0.8	1.0	0.8	1.0
2.5	1.0	1.0	1.0	1.0

Young's Modulus = 200 Gpa. • Deflection Limit = Span/150 (IS 800 – 2007)
The sheet should span over minimum 3 supports.

MP-1020



MP-1020 Profile

MP-1020 is a light weight wide span trapezoidal shaped roofing profile designed for economical application which gives aesthetical solution to all your needs. This profile is also available in tile form.

TECHNICAL SPECIFICATION

Coil input Width	1220 mm
Covered Width	1020 mm
Supply Width	1060 ± 10 mm
Pitch	255 mm
Crest Height	28 ± 2 mm
Crest Width	26 mm
Lip	10 mm

LOAD CHART

Design Thickness of Profile – MP-1020

Design Thickness: 0.35, 0.42, 0.45, 0.47, 0.5, 0.55, 0.6, 0.8 & 1 mm

Span (m)	Yield Stress = 2400 kg/cm ²		Yield Stress = 3400 Kg/ cm ²	
	Wind Load = 100 kg/m ²	Wind Load = 150 kg/m ²	Wind Load = 100 kg/m ²	Wind Load = 150 kg/m ²
0.9	0.35	0.35	0.35	0.35
1	0.35	0.45	0.35	0.45
1.1	0.45	0.45	0.45	0.45
1.2	0.45	0.5	0.45	0.5
1.4	0.45	0.5	0.45	0.5
1.5	0.5	0.6	0.5	0.6
1.6	0.6	0.8	0.6	0.8
1.8	0.8	1.0	0.8	1.0
2.0	1.0	-	1.0	-

Young's Modulus = 200 Gpa. • Deflection Limit = Span/150 (IS 800 – 2007)
The sheet should span over minimum 3 supports.



JSW Steel Ltd's Authorized Service Provider

*Data is approved and certified by IIT, Mumbai

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BRICK RED



CHROME GREEN

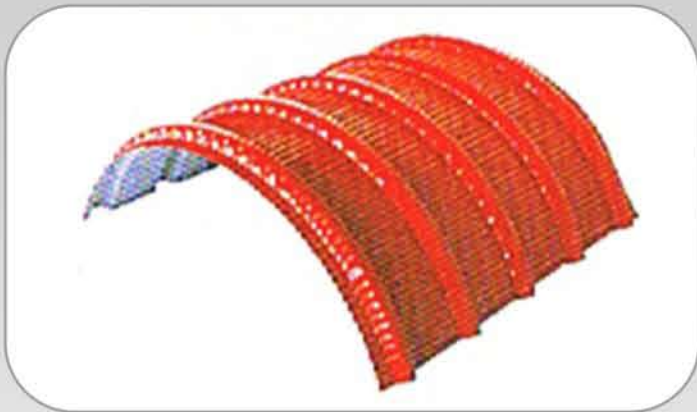


OFF WHITE



LIGHT BLUE

MP-Curve



MP-Wave tile profile blends the classic look of architecture with modern material. This metal roofing sheet has low maintenance cost, superior weather resistance and long life. It is ideally suited to commercial buildings, resorts, farm houses, hotels, residential houses and other public area residential use. It helps save money by reducing assembling time and workmanship by not breaking, cracking, or leaking and being environmentally-friendly.

TECHNICAL SPECIFICATION

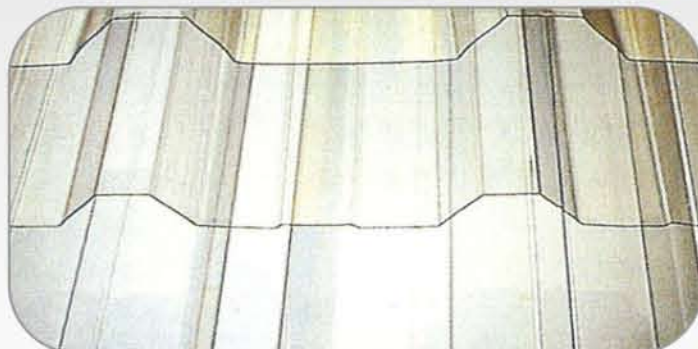
Coil input Width	1220 mm
Covered Width	1000 mm
Supply Width	1100 ± 10 mm
Pitch	200 mm
Crest Height	28 ± 2 mm

MP-Wave



MP-980 and MP-1020 profiles are also available in concave as well as convex curved sheets to give architectural features to the building. The radius is as nominated by you down to minimum recommendation of 500mm

MP-Daylite



MP-Daylite is rigid polycarbonate transparent roof glazing sheets available in required lengths matching MP-980 or MP-1020 profiles made of out of finest lexan polycarbonate sheets. They offer light transmission between 50%-90% depending on thickness. They also come as one-side embossed thereby increasing the light transmission inside the shed. Their thickness range is between 1mm to 6mm; however we usually recommend 2mm thickness as the best match with the MP-980 profile type.

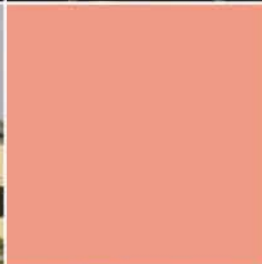
MATERIAL SPECIFICATION

Strength (Mpa)	Base Steel		Metallic Coating	Color Coating	Weight (kg/m2)
	Thickness (TCT) mm				MP-980
G 550 High Tensile		0.47	Zinc Aluminum Alloy Coated AS 1397	Bare-Al-Zn Polyester Super Polyester PVDF	4.25
		0.50			4.52
		0.55			4.97
		0.60			5.42
		0.80			7.23
		1.00			9.04
G 300 / 240		0.47	Color Coated Galvanised IS 277		4.43
		0.50			4.72
		0.55			5.18
		0.60			5.65
		0.80			7.54
		1.00			9.43



ADVANTAGES

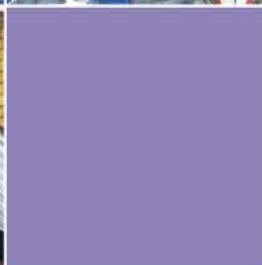
- Assured quality and aesthetic appeal
- Easy to assemble, hence save time and labor cost
- Light, easy to handle and store
- Savings in overall construction cost upto 30%
- Provides high corrosion protection and hence longevity
- Better water drainage and greater strength
- Suitable for use under all weather conditions



UTILITY

MP color coated profiled steel sheets find applications in the following areas:

- Industrial Shed
- Airport hangars
- Stadiums
- Panelling
- Facades
- Warehouse
- Pre-fab houses and structures



ISO 9001:2000
TQCS International



Licence No: IN722-QC

JAS-ANZ



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