

# COLOR CHART 2021

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METAL SUPPLY

บริษัท แม่น้ำมีทอล ซัพพลาย จำกัด  
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## SAHARA EFFECTS

### COLOR CHART

- Aluminium Solid Sheet MN METAL
- Aluminium Metal Mesh
- Aluminium Ceiling
- Aluminium Door & Window frame
- Aluminium Grill & Louvers



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# Sahara Effects

MAENUM's Sahara Effect Colour Palette represents an array of rich colours with textural depth for a dramatic appeal and a long lasting impression.

**Sahara color** series is suitable for decorating and protecting metal surfaces. Whether you're looking to enhance aluminium facades, windows frames, domestic appliances, structured steel, or metal furniture and fixtures, Sahara Effects powder coatings will add a touch of sophistication to the finishing. Available in classic and metallic ranges.

Description	Norm	Series 1301	Series 1303	Series 1307	Series 1308
Glass*	EN ISO 2813 (60°)	12 ±5	30 ±5	77 ±7	90 ±10
Finish	Visual	Soft Texture	Smooth	Smooth	Smooth
Adhesion	EN ISO 2409 (2mm)	Cross-cut rating Gt0 (100% adhesion).			
Impact resistance	EN ISO 6272/ASTM D2794 (impactor diameter 15.9mm)	More than 23 inch-pounds or 2.5 Nm without film cracking.			
Cupping test	EN ISO 520	Indentation depth in excess of 5mm without film cracking.			
Flexibility	EN ISO 519	Cylindrical Mandrel bending test, passes 5mm mandrel diameter.			
Film hardness	EN ISO 2815	Indentation resistance according to Buchholz: >80.			
Mortar resistance	EN 12206-1	The mortar must be easy to remove without leaving any residues.			
Drilling, milling and sawing test		No flaking of coating.			
Neutral salt spray resistance	ASTM B1177	No blistering or loss of adhesion after 1,000 hours.			
Humidity resistance containing SO <sub>2</sub>	EN ISO 3231 (0.2 ISO <sub>2</sub> )	No infiltration exceeding 1mm on both sides of the scratch after 30 cycles.			
Humidity resistance	EN ISO 6210-2	No infiltration exceeding 1mm on both sides of the scratch after 1,000 hours.			
Acetic acid salt spray resistance	ISO 9227	After 1,000 hours testing-maximum 16mm <sup>2</sup> infiltration over a scratch length of 10cm.			
Accelerated weathering	DUN EN ISO 11507 (UVB-313)	Cycle: 4 hours at 50°C UV and 4 hours at 40°C condensation. No chalking, excellent gloss retention and colour stability after 300 hourstesting.			
Accelerated weathering	DUN EN ISO 11507 (UVB-340)	Cycle: 8 hours at 60°C UV and 4 hours at 45°C condensation. No chalking, excellent gloss retention and colour stability after 1,000 hourstesting.			
Natural weathering test	ISO 2810 (South Florida 27°N)	No chalking, excellent gloss retention and colour stability after 12 months exposure (angle of 5° to South).			
Surface spread of flame	BS 476 part 7-1997	Class 1			
Fire propagation test	BS 476 part 6-1989	Excellent index of performance (I=1).			
Total Solar Reflectance **	ASTM C 1549	Grades 1303R, 1307R and 1308T: TSR ≥ 0.25			

\* If the significant surface is too small or unsuitable for the gloss to be measured with the glossmeter, the gloss should be compared visually with the reference sample (from the same viewing angle).

\*\* Only applicable to Corro-Coat PE-F Series 1303, 1307 and 1308 for the colours featured on the 'Cool Shades Collection'.

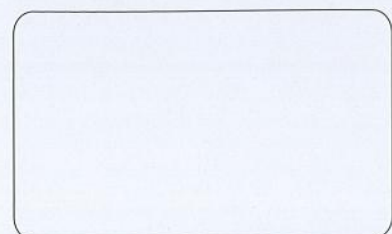
Note: The information on this Product Data Sheet is given to the best of the manufacturer's knowledge, based on laboratory testing and practical experience. Maenum Metal Supply Co., Ltd. reserves the right without notice to alter or change the content of this Product Data Sheet.



MN2181 Dark Brown



MN2830 Dark Brown Anodize



MN6090 Pecan Brown



MN2823 Ebony Black



MN7329 Firestone



MN2831 Texture Grey



MN7860 Pearl Beige



MN6321 Autumn Brown



MN2822 Aztec Grey



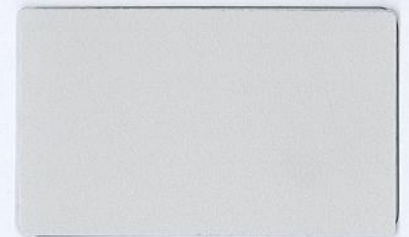
MN2424 Sahara Silver Sparkle



MN7201 Champagne



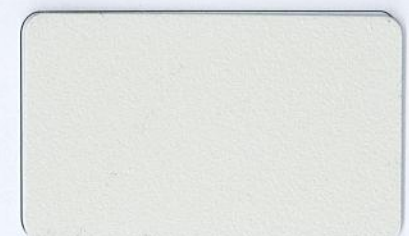
MN2502 Ash Gray



MN5899 Concord Grey



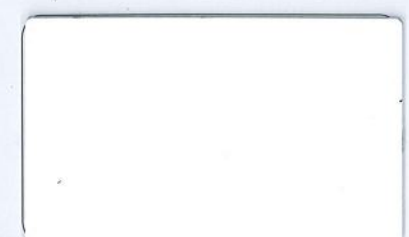
MN7045 Telegrau



MN2217 Light Grey



MN2835 Titanium Silver



MN2825 Infinity White