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|---|--|------------------------|---------------------|--------------|------------------|
| GENERAL DESCRIPTION | SUBSTRATE | | | | |
| MOLAWAN prepainted steel & aluminium is durable and cost effective for roofing & cladding applications | Galvanized Steel, Minimum G30 (90 GSM) | | | | |
| TYPICAL USES | DIMENSIONS: (For normal supply products) | | | | |
| Roofing and walling, False Ceiling, Appliances | <table border="1"> <tr> <td>THICKNESS* (MM)</td> <td>WIDTH** (MM)</td> </tr> <tr> <td>0.30 to 1.20</td> <td>From 600 to 1320</td> </tr> </table> | THICKNESS* (MM) | WIDTH** (MM) | 0.30 to 1.20 | From 600 to 1320 |
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| 0.30 to 1.20 | From 600 to 1320 | | | | |
| STANDARDS | For specific dimensions please contact Sales and Marketing Dept. | | | | |
| Substrate : ASTM A653/A653M Paint coating : ASTM A755/755M | | | | | |

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|---------------------|--|
| PRETREATMENT | Corrosion resistance proprietary conversion coating each side |
| PRIMER COAT | Universal Corrosion inhibitive Primer Nominal Thickness - 5 microns each side |
| FINISH COAT | Polyester based custom formulated system. Nominal thickness - 15 microns on the top or weather side. The finish coat is available in 6 standard colours. Other colours may be available on request. The finish coat can , if required be applied to both sides to provide double sided product. |
| BACKING COAT | Polyester based custom formulated off white. Nominal thickness - 5 microns. Foam compatible backing coat is available on request |
| GLOSS (60°) | Medium Gloss. Other gloss levels may be available on request |

| GUARANTEED PAINT PROPERTIES | | | | |
|--|----------------------------------|--------------------|--------------------|---|
| | TEST | TEST METHOD | DESCRIPTION | RESULTS |
|  | Hardness (Pencil) | ASTM D 3363 | Pencil | HB or Harder |
|  | Adhesion - T bend | ASTM D 4145 | T-bend | 5T or less |
|  | Adhesion - Reverse impact | ASTM D 2794 | Reverse impact | > 10 joules |
|  | Cross hatch | ASTM D 3359 | Cross hatch | No paint removal "0" Rating (NO REMOVAL) |
|  | Gloss 60° (%) | ASTM D 523 | Gloss | 30-70% |

NOTE

- For most products, the metallurgical ageing process which is inherent in the paint stoving cycle will result in some loss of ductility compared with unpainted product. However, minimum strength levels designated by relevant standards will still be applicable.
- Values quoted are for standard **MOLAWAN** colours.
If it is intended to use **MOLAWAN** prepainted metal in an exterior application within 1 km of salt marine location, or severe industrial or abnormally corrosive environment, or in areas not washed by rain or in applications where it will be wholly or partially buried in the ground, please contact UNICOIL for advice.
Improper storage or use of non approved roll forming lubricants may adversely affect colour. Material which becomes wet while in stacks or bundles must be separated and dried.
- MOLAWAN** prepainted metal has good resistance to accidental spillage of solvents such as methylated spirits, white spirits, mineral turpentine, toluene, trichloroethylene and dilute mineral acids & alkalis. However, all spillages should be immediately removed by water washing and drying.

