

## PETROCHEM ZX

Nato stock number (NSN) - U1L91- 9515995639000

- data sheet

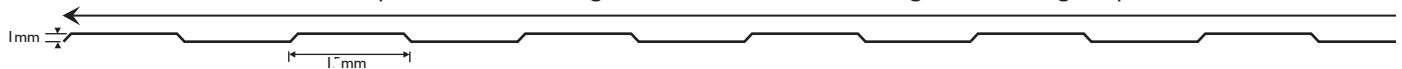
Aluzinc's 55% aluminium, 43.4% zinc and 1.6% silicon double sided coating is applied in a continuous hot dip galvanising process that creates the attractive characteristic spangled silver finish, a thin layer of aluminium oxide which forms on the top surface preserves the appearance for many years. The zinc in the coating provides 'self-healing' sacrificial cathodic protection whenever the steel substrate is exposed.

For increased rigidity, often helpful on large diameter pipe-work insulation jacketing and ducting projects, our shallow Petrochem ZX® profile can be added to either Dobelshield® embossed finish or flat finish as required. This profile often enables a lighter gauge to be used (0.1mm/0.3 mm thinner) without loss of rigidity, saving on weight and cost.

All insulation fabrications, including flange cases are still easy to mechanically fabricate with our Petrochem ZX® Profile.

Petrochem ZX® clad insulated pipes have been independently Fire Tested to demonstrate that Petrochem ZX® jacketing will withstand a typical hydrocarbon fire....during the 30 minute test Petrochem ZX® remained intact protecting the insulation and pipework.

Our Petrochem ZX profile increases strength with no loss of overall coverage - 66 stiffening ribs per metre



|                       |  |           |     |      |       |         |      |
|-----------------------|--|-----------|-----|------|-------|---------|------|
| DESCRIPTION           | BS EN10346:2015 - Hot Dip, Double-Sided Coated Steel   |           |     |      |       |         |      |
| PROPERTIES            | <p>Excellent corrosion resistance - <i>the zinc in the coating provides 'self-healing' sacrificial cathodic protection whenever the steel substrate is exposed (e.g. by accidental cuts or scratches).</i></p> <p>Excellent fire resistance without toxic fumes.</p> <p>Attractive appearance - <i>bright 'Spangle' finish with anti fingerprint coating (1 micron).</i></p> <p>Excellent thermal and light reflectivity.</p> <p>Good abrasion resistance.</p> <p>Generates no particular environmental hazards.</p> |           |     |      |       |         |      |
| COATING ANALYSIS      | <p>185 g/m<sup>2</sup> coating - equally distributed over both sides.</p> <p>Approx 25 microns each side.</p> <table> <tr> <td>Aluminium</td> <td>55%</td> </tr> <tr> <td>Zinc</td> <td>43.1%</td> </tr> <tr> <td>Silicon</td> <td>1.6%</td> </tr> </table>  | Aluminium | 55% | Zinc | 43.1% | Silicon | 1.6% |
| Aluminium             | 55%  |           |     |      |       |         |      |
| Zinc                  | 43.1%  |           |     |      |       |         |      |
| Silicon               | 1.6%   |           |     |      |       |         |      |
| MECHANICAL PROPERTIES | <p>Thicknesses available 0.4, 0.5, 0.6 &amp; 0.7mm.</p> <p>Width 1000mm (with 1250mm available to order).</p> <p>Cut sheets from 0.5 metres long to 5 metres long.</p> <p>Manufactured to ISO 9001:2015 Quality Assurance Standard Certificate.</p> <p>ZX profile can be recoiled to measured length.</p>  |           |     |      |       |         |      |

