

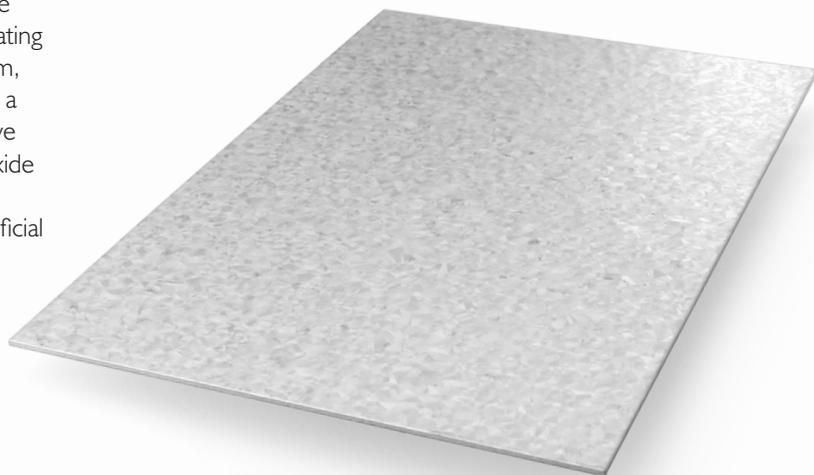
PETROCHEM ALUZINC

Nato stock number (NSN) - U1L91- 9515994797970
- data sheet

Aluzinc's two metallic constituents create a corrosion resistance barrier effect - the aluminium present on the surface of the coating along with the sacrificial protection of zinc. The 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.

Petrochem Aluzinc has been independently Fire Tested to demonstrate that correctly fitted jacketing will withstand a typical hydrocarbon fire....during the 30 minute test Petrochem Dobelshield® cladding remained intact, protecting the insulation and pipework.

SSAB's UK Service Centre in the heart of the West Midlands houses our cut-to length line, to complement the cut length facility the factory also offers a fully integrated slitting service, slitting to width from master coils can be accommodated from 1250mm wide down to just 10mm within .5mm tolerance and in thicknesses from 0.4mm to 0.8mm.



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/m² coating - equally distributed over both sides.</p> <p>Approx 25 microns each side.</p> <table border="0"> <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%
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MECHANICAL PROPERTIES	<p>Thicknesses available 0.4, 0.5, 0.6, 0.7 & 0.8mm.</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>Material can be recoiled to measured length.</p>						

