

PRODUCT FACT SHEET

Dulux[®]
PROTECTIVE COATINGS

DULUX[®] DUREZINC[™] i90

High Performance Inorganic Zinc



DULUX® DUREZINC™ i90

Durezinc™ i90 is a two part self curing inorganic zinc silicate that provides excellent cathodic/sacrificial corrosion protection to steel in the most aggressive industrial and marine environments. When cured, Durezinc™ i90 also affords a barrier to moisture and solvents. The combinations of both cathodic/sacrificial and barrier protection allows Durezinc™ i90 to provide long term corrosion protection.

USES

DUREZINC™ i90 is used on commercial and bridge structures, bulk handling terminals, chemical and industrial plants. It can also be used on shipping facilities and offshore platforms. The service life may be extended or a decorative finish can be provided by overcoating with an epoxy, chlorinated rubber, acrylic or polyurethane protective coating.

FEATURES

- Excellent dry spray and mudcracking resistance
- Cathodic protection for steel via same mechanism as galvanising
- Forms a barrier to moisture for additional corrosion protection
- High zinc content - Meets AS/NZS 3750.15 Type 4 & SSPC-PAINT 20 level 1
- Good handling and drying properties

BENEFITS

- Ease of use
- Quality finish
- Long term corrosion protection

PERFORMANCE GUIDE

Weatherability	Withstands the most severe conditions
Heat Resistance	-50°C to 400°C dry heat
Water Resistance	Requires topcoating for immersion
Abrasion Resistance	Excellent when fully cured
Solvent Resistance	Insoluble in chlorinated hydrocarbons (dry), aromatics, ketones & esters, most petroleum solvents and oil crudes
Acid Resistance	Not recommended for acid conditions
Alkali Resistance	Resists alkali with epoxy topcoats
Salt Resistance	Excellent
Standards & Tests	AS/NZS 3750.15 TYPE 4 SSPC-PAINT 20 LEVEL 1

APPLICATION

Conventional or airless spray

