

PRODUCT CHARACTERISTICS

Specially designed for high temperature environments.
It can be applied on cold or hot surfaces (up to 170°C) without the need to shutdown.
Suitable for application to external of pipe work, vessels, chimney stacks, flare stacks etc., operating at continuous temperature of up to 550°C.
This product is fire resistant (class 0).
Excellent chemical resistance combined with outstanding UV and weathering protection.
The product is surface tolerant and can be applied directly on to mechanically prepared substrates.
It can also be used for internals of vessels and immersed environments in particular circumstances.
Single pack, high solids product which is easy to apply by brush, roller or spray.

PRODUCT DESCRIPTION

One pack MIO-Zn modified silicon hybrid polymer.

PRODUCT INFORMATION

Colour:	Metallic dark brown (limited colour range available).
Solid content:	90 ± 1%
Density:	1.7gms/cc
Cure:	Air dry moisture curing system.
Typical thickness range:	DFT: 45 - 90 microns. WFT: 50 - 100 microns. Max WFT 100 microns per coat.
Theoretical coverage:	10m ² /ltr @ 100 microns WFT (Allow for application losses, surface irregularities, etc).
Temperature resistance:	Immersed: Contact our technical department. Atmospheric: 550°C

APPLICATION DATA

Method:	Airless spray, roller or brush .
Thinner:	No thinning agents to be added.
Cleaner:	S11A
Recoating interval:	Minimum: 1 hr (touch dry) @ 20°C Maximum: 12 hrs @ 20°C
Pot life:	Unlimited.
Curing time:	24 hrs @ 20°C (depending on temperature and other environmental conditions).

APPLICATION

Constituents:	Single pack system.
Airless spray:	Airless spray pump (minimum 33:1) with a fluid twist tip: tip size: (13-15 thou.)
Brush or roller:	For inaccessible or awkward areas, or when spray application is not required or feasible.
Restrictions:	Do not apply to wet or damp surfaces or when environmental conditions are outside those specified for the product. Do NOT apply at a WFT higher than 100 microns as bubbling could occur.

LIMITATIONS

Application:

Do **NOT** apply to wet or damp surfaces or when environmental conditions are outside those specified for the product.
Do **NOT** apply at higher thickness than specified as over thickness would cause severe bubbling.
Certain high temperature alloys and stainless steel require abrading the surface prior to application to ensure proper adhesion.
For further information, contact our technical department.

ENVIRONMENTAL CONDITIONS

Application should **NOT** be carried out when:-

Relative humidity is >70%
Air temperature < 5°C
Substrate temperature < 3°C below dew point of surrounding air.
Good ventilation and airflow is required at all times to achieve satisfactory curing.

SAFETY PRECAUTIONS

It is the policy of CHEMCO INTERNATIONAL (C.I.) to ensure that its products are handled and applied by professionally approved and skilled applicators.
Application shall be carried out in accordance with instructions contained in this data sheet and referenced to C.I. TECHNICAL SPECIFICATION MANUAL.
CHEMCO INTERNATIONAL management are intent on ensuring all work is carried out in accordance with company HEALTH & SAFETY procedures and all materials are handled with due care to COSHH regulations and instructions.

STORAGE

Store in cool, dry conditions (between 5 and 20°C) keep away from direct heat source and sunlight.
When not using the material always replace the lid on the container properly.

SHELF LIFE

At least 12 months when stored in sealed containers at temperatures of 20°C or below.
At temperatures above, refer to manufacturer for advice.

DISCLAIMER The information contained herein is to the best of our knowledge accurate and current and is given in good faith without warranty. Users are deemed to have satisfied themselves independently as to the suitability of our products for their particular purpose. In no event shall Chemco International be liable for consequent or incidental damages.



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