

PROTECTIVE COATINGS

solutions that cover your needs



SIGMA*Therm*

Heat resistance Range

Sigma Coatings is a brand of the SigmaKalon Group



The heat resistant

For when the going

SigmaKalon Marine and Protective Coatings is dedicated to the development, manufacture and supply of coatings to meet the very challenging needs of specific industries.

With a heritage of outstanding expertise in coatings technology and decades of international investments in research and development for the protective coatings market, no company could be better placed than SigmaKalon Marine and Protective Coatings to meet the fast-changing global challenges of this technically demanding sector.

Some of the most challenging coatings situations that exist in industry today concern heat resistance. There is a continuous demand for coatings that can maintain their function despite exposure to the extremely high operational temperatures found in the power, offshore and petrochemical processing industries.

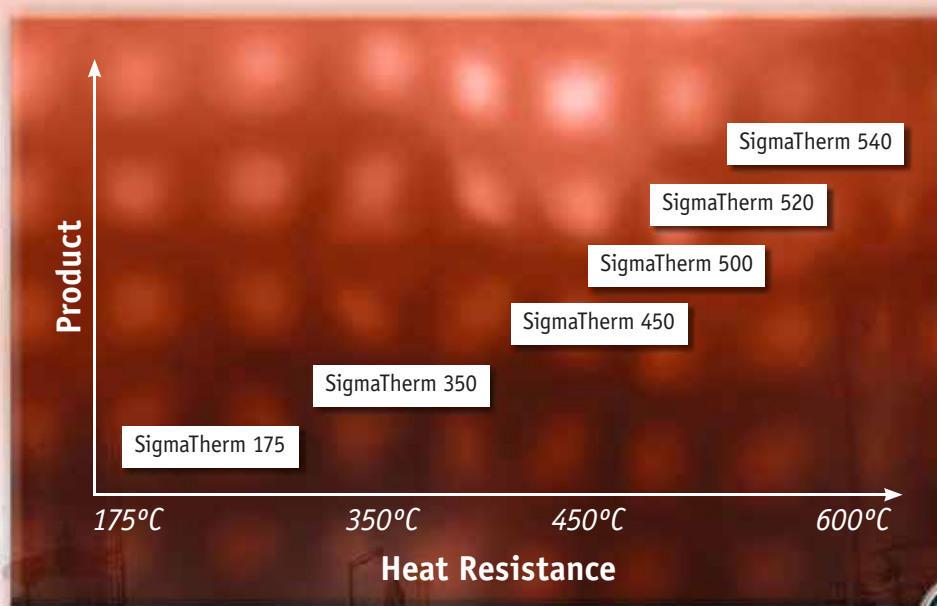
SigmaKalon offers a range of high quality, high performance heat resistant coatings developed specifically to meet this challenge, able to cope with extremes of temperature and deliver a dependable long-term performance for both new construction and maintenance alike.



SigmaTherm Range *gets hot*



Product Performance Chart





SigmaTherm

SigmaTherm 540

A heat resistant moisture curing silicone aluminium primer / finish meeting all maintenance requirements up to 540°C/1000°F.

- One component
- Aluminium pigmented
- Heat resistant on SA 2.5 blasted steel up to 540°C/1000°F
- Heat resistant on ST3 powertool cleaned steel up to 400°C/750°F
- No post-cure required
- Application direct to metal or zinc silicate primer like SigmaZinc 158

SigmaTherm 520

A heat resistant moisture curing ethyl silicate finish with protection up to 500°C/930°F.

- One component
- Limited colour range available
- Heat resistant in combination with a zinc silicate primer up to 500°C/930°F
- No post-cure required
- Recommended primer is SigmaZinc 158

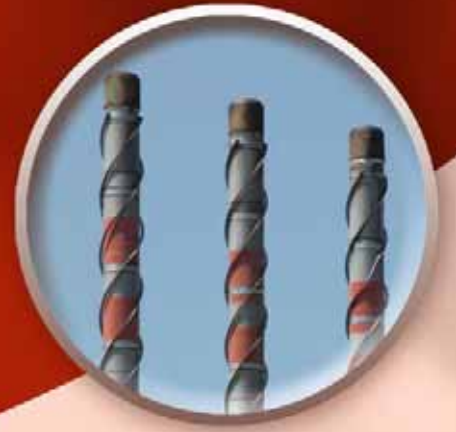
SigmaTherm 500

A heat resistant alkyd primer/finish with protection up to 500°C/930°F.

- One component
- Aluminium pigmented
- Heat resistant up to 500°C/930°F
- Post-cure is required
- Application direct to metal



Range



SigmaTherm 450

A heat resistant silicone based finish with good protection up to 450°C/840°F.

- One component
- Heat resistant up to 450°C/840°F
- Post-cure is required
- Suitable for aluminium or zinc sprayed steel and zinc silicate primer like SigmaZinc 158

SigmaTherm 350

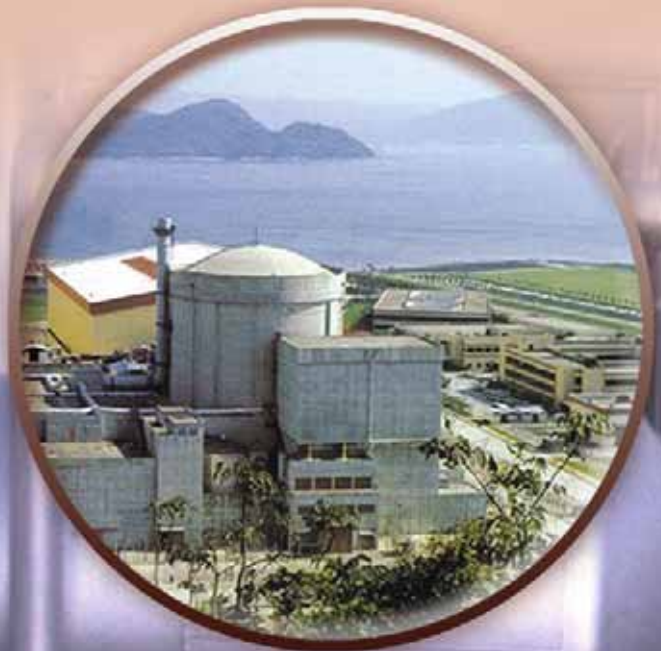
A heat resistant silicone acrylic based finish with protection up to 350°C/660°F

- One component
- Limited colour range available
- Heat resistant up to 350°C/660°F
- No post-cure required
- Suitable for steel, aluminium or zinc sprayed steel and zinc silicate primer like SigmaZinc 158

SigmaTherm 175

A heat resistant alkyd finish with protection up to 175°C/340°F.

- One component easy to use
- Aluminium pigmented
- Heat resistant up to 175°C/340°F
- No post-cure required
- Recommended primer is Sigmarine 24



SIGMATherm



SigmaTherm applications

The SigmaTherm range is widely used and respected in all key industry sectors, meeting the very demanding challenges required to protect major assets.

Offshore

- Piping
- Heat exchanger
- Maintenance
- Flare Stacks

Petrochemical

- Piping
- Heat exchangers
- Maintenance
- Process equipment

Power

- Piping
- Stacks
- Process equipment

Performance you can trust

All our coatings are manufactured to world-leading standards. So you can rely on a consistent performance from each and every coating in the SigmaTherm range.

- High temperature exposure
- Internal Dry
- Direct to metal technology
- Ease of application



The heat resistant Range

SigmaTherm 540 (*SigmaTherm 540*)

- Heat resistant moisture curing silicone aluminium

SigmaTherm 520 (*SigmaTherm Silicate*)

- Heat resistant alkyl silicate Finish

SigmaTherm 500 (*Sigmarine Aluminium HR 500*)

- Heat resistant alkyd based aluminium Primer/Finish

SigmaTherm 450 (*SigmaTherm Siloxane*)

- Heat resistant silicone based aluminium Finish

SigmaTherm 350 (*SigmaTherm Silacryl*)

- Heat resistant silicone/acrylic Finish

SigmaTherm 175 (*Sigmarine Aluminium HR*)

- Heat resistant alkyd based aluminium Finish



SigmaKalon Marine and Protective Coatings

SigmaKalon Marine and Protective Coatings brings unrivalled levels of experience and expertise in coatings technology through our expanding global supply and distributor network. We understand our customer needs and the challenges they face and respond quickly with effective economic solutions, working closely to develop the products they need.

Formulations that can be applied more easily, resist the elements better and reduce overall environmental impact in compliance with both local and international standards.

With in-depth knowledge of the working realities facing the industries we supply, our Technical Service Representatives offer an unsurpassed perspective on the coatings options that can help your industry to function optimally, maximising technical performance and minimising expensive down time.



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