

SIGMA*Dur*

Durable Finish Range

Protective Coating solutions that cover your needs

SIGMA*Dur* 2500
SIGMA*Dur* 1800
SIGMA*Dur* 580
SIGMA*Dur* 550
SIGMA*Dur* 540
SIGMA*Dur* 520
SIGMA*Dur* 500



SIGMA
COATINGS

Protecting the Future

The Sigma Durable Systems Range - Unrivalled protection

Sigma 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 investment in research and development for the protective coatings market, no company could be better placed than Sigma to meet the fast-changing global challenges of this technically demanding sector.

Aggressive environments demand highly durable systems. Incorporating innovative technology, the SigmaDur range offers exceptional protection for the life of the structure. The systems have been tested to meet and exceed the highest international standards such as NORSOK M501 and Florida testing according to ACQPA.

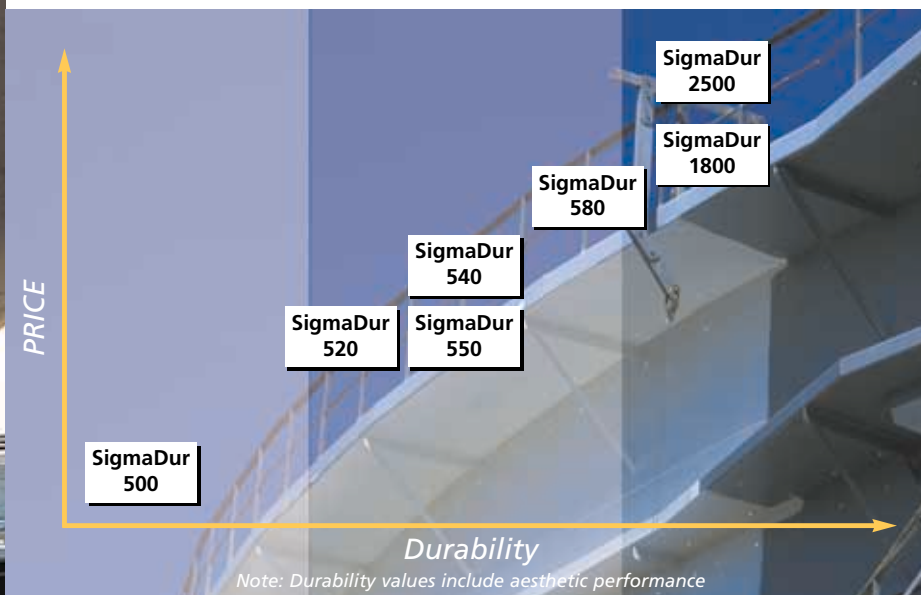
The SigmaDur range delivers outstanding performance: durability, colour and gloss retention characteristics to give you coatings that look good and work hard, through many years of atmospheric exposure, chemical spills and petroleum splashes and spillage.

Together, the SigmaDur range gives you solutions for all kinds of industrial and infrastructure problems whilst delivering exceptional value.



Ammonites are first known from Devonian strait (395 million years ago) and existed until the end of the Cretaceous period (some 65 million years ago). The beauty of their familiar spiral shell continues to excite fossil-collectors both young and old. As such their appeal and long durability mirror the principal characteristics of SigmaDur durable finishes.

tion in tough environments



Sigma Durable Finish Range



SigmaDur 2500

Two Pack, new generation flexible Polynova Polysiloxane for durability up to 20 years.

- High solids, VOC compliant finish
- Isocyanate free
- Excellent colour and gloss retention
- Excellent performance in harsh environments
- Excellent atmospheric, abrasion and corrosion resistant systems
- Excellent resistance to splash of mineral and vegetable oils, paraffins, aliphatic petroleum products and mild chemicals.
- Facilitates lower application costs through reduced number of coats

Excellent quality with cost effective application that requires fewer coats.

Offers the same protection in 2 coats that conventional systems require 3 or even 4 coats to provide. Longer life/asset protection.

Extreme high performance available in colour.

Meets the requirements of NORSOK M501 and Florida testing according to ACQPA.

SigmaDur 1800

Two Pack, new generation Polymeric Urethane for durability up to 20 years.

- High solids, high gloss VOC compliant finish
- Excellent performance in harsh environments
- Cures down to -5°C
- Excellent atmospheric, abrasion and corrosion resistant systems
- Outstanding colour and gloss retention
- Excellent resistance to splash of mineral and vegetable oils, paraffins, aliphatic petroleum products and mild chemicals.
- Facilitates lower application costs through reduced number of coats
- Can be overcoated even after long periods of atmospheric exposure

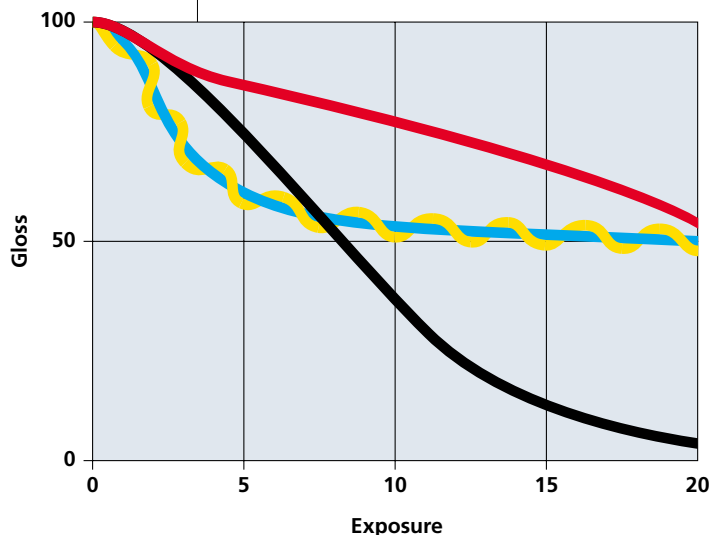
Delivers outstanding protection and good looking appearance over the long term.

The product is equal in performance to Polysiloxane, utilising innovative captive technology.

Systems are available that offer the same protection in 2 coat application rather than 3 or even 4.

Extreme high performance available in colour.

Meets the requirements of NORSOK M501 and Florida testing according to ACQPA.



- SigmaDur 2500
- SigmaDur 1800
- Conventional Polyurethane
- Conventional Polysiloxane





SigmaDur 580

Two pack, high solids recoatable semigloss Polyurethane for durability up to 12 years.

- High solids VOC compliant finish
- Cures down to -5°C
- Excellent resistance to atmospheric exposure
- Tough and abrasion resistant
- Excellent resistance to splash of mineral and vegetable oils, paraffins, aliphatic petroleum products and mild chemicals.
- Can be overcoated even after long periods of atmospheric exposure.

SigmaDur 550

Two Pack, Aliphatic Acrylic Polyurethane for durability up to 10 years.

- High gloss and colour stable finish
- Good colour and gloss retention
- Unlimited recoatability
- Excellent resistance to atmospheric exposure
- Tough and abrasion resistant
- Resistant to splash of mineral and vegetable oils, paraffins, aliphatic petroleum product and mild chemicals.
- Ready for use

Cost effective solution for the construction of structures.

High performance available in the colour of your choice.

Meets the requirements of Florida testing according to ACQPA.

SigmaDur 540

Two Pack, Epoxy Acrylic for durability up to 10 years.

- High gloss
- Isocyanate free
- Good colour and gloss retention compared to standard epoxy coatings
- Non chalking and yellowing
- Long pot life

Wide range of colours lets you match your corporate colours for a stunning high gloss appearance. Cost effective and easy to apply for a smart and durable appearance.

High performance isocyanate free option available in the colour of your choice.

Meets the requirements of NORSOK M501.

SigmaDur 520

Two Pack, Aliphatic Acrylic Polyurethane for durability up to 10 years.

- Semigloss and colour stable finish
- Easy application by brush and airless spray
- Excellent atmospheric resistance
- Tough and abrasion resistant
- Good colour and gloss retention

All the protective advantages of high build coupled with long lasting colour quality and attractive finish.

High performance available in the colour of your choice.

Meets the requirements of NORSOK M501.

SigmaDur 500

Two Pack, Aliphatic Acrylic Polyurethane for durability up to 7 years.

- Good atmospheric resistance
- Good colour and gloss retention
- Non chalking, non yellowing
- Tough and abrasion resistant
- Ready for use

Simple to apply and recoatable even after long atmospheric exposure, provides a versatile and cost-effective solution.



SigmaDur applications



The SigmaDur range is widely used and trusted across key industry sectors, meeting the very demanding challenges required to protect major assets.

Offshore

including:

- Offshore Platforms
- TLPs
- Drilling Rigs
- Coastal Inland Structures
- FPSO

Oil & Gas

including:

- Jetty Protection
- Storage Facilities
- Process Equipment
- Pipelines and Jetties
- Refineries

Power

including:

- Power Plants
- Wind Turbines
- Mechanical & Electrical structures
- Steel and Concrete tanks

Infrastructure

including:

- Bridges
- Port and Harbour Structures
- Tanks
- Stadiums and Airports



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 SigmaDur range.

Resistance to:

- Long term weathering
- Salt spray
- Humidity
- Abrasion
- Impact
- Chemical spills
- Oil spills
- Vegetable oils
- Aliphatic petroleum products



The Durable Finish Range Renamed

SigmaDur 2500

- Two Pack, Flexible Engineered, Polynova Polysiloxane

Longer life asset protection in fewer coats than conventional two pack finish coatings.

SigmaDur 1800

- Two Pack, Engineered, Polymeric Urethane

Longer life asset protection in fewer coats than conventional two pack finish coatings.

SigmaDur 580 (*SigmaDur HS Semigloss*)

- Two Pack, Aliphatic Acrylic Polyurethane

Long life asset protection in a semi gloss finish with excellent resistance to atmospheric conditions.

SigmaDur 550

- Two Pack, Aliphatic Acrylic Polyurethane

Cost effective protection with outstanding resistance to weather, abrasion and mild chemicals. Excellent asset protection with good resistance to weather, abrasion and mild chemicals.

SigmaDur 540 (*SigmaCover HS NISO Finish*)

- Two Pack, Epoxy Acrylic

Isocyanate free high gloss colours finish, delivering good colour and gloss retention.

SigmaDur 520 (*SigmaDur HB Finish*)

- Two Pack, Aliphatic Acrylic Polyurethane

Excellent asset protection with good resistance to weather, abrasion and mild chemicals.

SigmaDur 500

- Two Pack, Aliphatic Acrylic Polyurethane

Cost effective, application friendly polyurethane finish with the versatility of unlimited recoating time.



Durability



High colour and gloss retention



Excellent resistance to abrasion and impact



Unlimited overcoating interval



Resistant to chemical splash and spillage



Resistant to sea/coastal and industrial atmospheres



Ease of application

ACQPA (Florida)
NORSOK

Approved product



Economical



Systems compatible with cathodic protection



SIGMADur

World-wide support services

Sigma Coatings field technical support staff are among the most highly skilled and trained in the coatings business. With in-depth knowledge of the working realities facing the industries we supply, our technical experts offer an unsurpassed perspective on the coatings options that can help your industry to function optimally, maximising technical performance and minimising expensive down time.

Complementary documentation

SigmaDur 2500
product data sheet 7725

SigmaDur 1800
product data sheet 7529

SigmaDur 580
product data sheet 7530

SigmaDur 550
product data sheet 7537

SigmaDur 540
product data sheet 7740

SigmaDur 520
product data sheet 7524

SigmaDur 500
product data sheet 7536



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