

# SIGMACover

## Recoatable Epoxy Systems For Maintenance / New Construction

Protective Coating solutions that cover your needs

SIGMACover 1500  
SIGMACover 805  
SIGMACover 630  
SIGMACover 566  
SIGMACover 522  
SIGMACover 480  
SIGMACover 456  
SIGMACover 435  
SIGMACover 300  
SIGMACover 280  
SIGMACover 256  
SIGMACover 211



SIGMA  
COATINGS

Protecting the Future

# The SigmaCover Range – Tough coatings for tough

*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 investments 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.*

SigmaCover is a range of tough, durable epoxy coatings designed for both new build and maintenance of major assets.

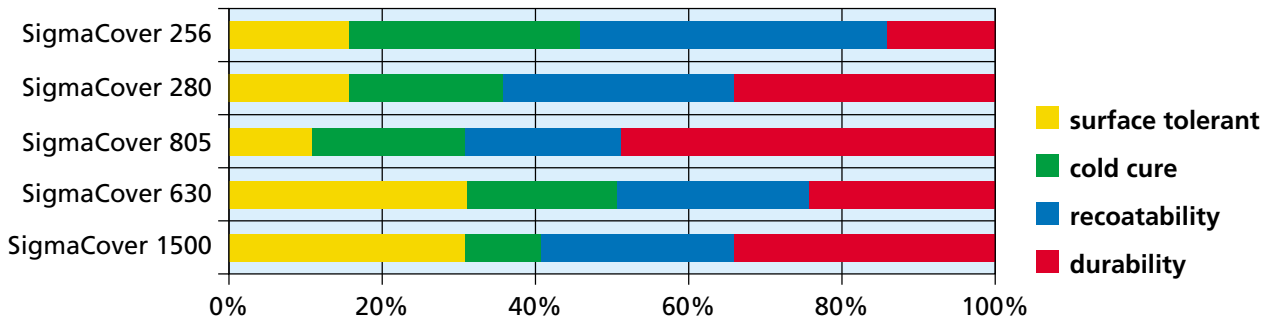
The range has a number of outstanding features to ease application. The benefits of SigmaCover result in easy to apply, cost-effective solutions within a wide range of applications across the protective coatings industry.

The following specific characteristics can be found in certain products within the SigmaCover range.

- **Unlimited recoatability**
- **Cold cure characteristics**
- **VOC compliant**
- **Tough durable coatings**
- **Ease of applications**
- **Cost-effective**



# environments



# The SigmaCover Range



## SURFACE TOLERANT

### SigmaCover 1500

Two pack solvent free epoxy

- Primer and buildcoat
- Surface tolerant
- Solvent free
- Compatible with virtually all aged coatings
- Excellent corrosion resistance in industrial or coastal applications

### SigmaCover 630

Two pack high solids epoxy

- Primer and/or buildcoat
- Excellent surface tolerant characteristics
- Good impact and abrasion resistance
- Compatible with virtually all aged coatings
- Resistant to splash and spillage of a wide variety of chemicals
- Excellent corrosion resistance in industrial or coastal applications

## DIRECT TO METAL

### SigmaCover 805

Two component high solids epoxy

- Application direct to metal
- Tar free replacement for tar epoxy
- Good abrasion resistance
- Compatible with CP
- Outstanding seawater resistance
- Excellent corrosion resistance in industrial or coastal applications

### SigmaCover 300

Two pack high build coal tar epoxy

- Outstanding water and crude oil resistance
- Cold cure characteristics down to - 5°C
- Good abrasion resistance
- Compatible with CP
- Excellent corrosion resistance in industrial or coastal applications





## SEALER/TIECOATS

### SigmaCover 566

Two pack epoxy acrylic tiecoat

- Good adhesion on coil coated substrates like PVC, plastisol PVDF, Polyester and Polyurethane
- High impact and bend resistance
- Long potlife but short drying times
- Easy application by brush and roller/spray

### SigmaCover 522

Two pack micaceous iron oxide pigmented epoxy sealer

- Specifically designed as sealer for zinc rich and metal sprayed surfaces
- Can be used as a primer/sealer or coating
- Good adhesion to galvanised steel
- Can be used for both atmospheric or immersion applications
- Good abrasion and impact resistance
- Resistant to 200°C in dry atmospheric conditions

## COATINGS

### SigmaCover 480

Two pack chemical resistant epoxy finish

- Specifically designed for chemical resistance
- Resistant to impact and abrasion
- Extended recoating intervals
- Easy application by brush/roller/spray
- Easy to clean

### SigmaCover 456

Two pack recoatable epoxy coating

- Excellent durability, tough with long-term flexibility
- Cold cure characteristics down to -10°C
- Good adhesion to aged alkyds, chlorinated rubbers and epoxy coatings
- Easy to apply by brush/roller/spray
- Unlimited recoatability

### SigmaCover 435

Two pack micaceous iron oxide pigmented recoatable epoxy coating

- Excellent durability, tough with longterm flexibility
- Cold cure characteristics down to -10°C
- Good adhesion to aged alkyds, chlorinated rubber and epoxy coatings
- High temperature characteristics up to 200°C
- Easy to apply by brush/roller/spray
- Unlimited recoatability

## PRIMERS

### SigmaCover 280

Two pack universal epoxy primer

- Excellent universal primer for atmospheric or immersion applications
- Good adhesion to non-ferrous substrates and galvanised steel
- Compatible with CP systems
- Long recoating intervals
- Suitable on wet blast substrates (damp or dry)

### SigmaCover 256

Two pack zinc phosphate recoatable epoxy primer

- Unlimited recoatability
- Suitable for atmospheric conditions
- Excellent corrosion resistance in industrial or coastal applications
- Cold cure characteristics down to -10°C
- Good adhesion to galvanised steel
- Easy application by brush/roller/spray

### SigmaCover 211

Two pack epoxy concrete primer

- Specifically designed for concrete substrates
- Good chemical resistance
- Good impact and abrasion resistance
- Easy to clean

# SigmaCover Applications



The SigmaCover range is widely used and trusted across the industry sector of the protective coatings business. The products meet the very challenging environment found in infrastructure, power, oil and gas, offshore and civil building.

## Infrastructure

- Bridges
- Port and harbour structures
- Waste and water

## Oil & Gas

- Steel Construction
- Tank externals

## Power

- Wind Turbines
- Power Plants

## Offshore

- Offshore platforms
- TLP
- Drilling rigs
- FPSO
- Coastal structures

## Civil building

- Airports
- Stadia
- Shopping complexes



# The SigmaCover Range Renamed

## **SIGMACover 1500** (*new development*)

- Solvent free epoxy, compatible with virtually all aged coatings

## **SIGMACover 805** (*SigmaCover DTM coating*)

- High solid epoxy directly applicable on metal

## **SIGMACover 630** (*Sigma Multimastic / SigmaCover ST*)

- High solid surface tolerant epoxy coating

## **SIGMACover 566** (*SigmaClad Tiecoat*)

- Epoxy acrylic tiecoat with good adhesion on oil-coated substrates like PVC and Polyester

## **SIGMACover 522** (*Sigmarite Sealer*)

- MIO pigmented epoxy sealer especially for zinc rich and metal sprayed surfaces. Can be used as coating or primer

## **SIGMACover 480** (*Sigmarite GP Finish*)

- Chemical resistant epoxy finish resistant to impact and abrasion

## **SIGMACover 456**

(*Sigma CM coating / SigmaCover CM coating*)

- Recoatable epoxy coating curing at temperatures as low as -10°C

## **SIGMACover 435**

(*Sigma CM miocoat / SigmaCover CM miocoat*)

- MIO pigmented recoatable epoxy coating curing at temperatures as low as -10° and heatresistant up to 200°C

## **SIGMACover 300** (*Sigma TCN 300*)

- High build coal tar epoxy highly resistant to water and crude oil, cold cure characteristics down to -5°C

## **SIGMACover 280**

(*Sigma Universal Primer / SigmaCover Primer*)

- Universal epoxy primer for atmospheric / immersion exposure conditions

## **SIGMACover 256** (*SigmaCover CM Primer*)

- Zinc phosphate recoatable epoxy primer, cold cure down to -10°C

## **SIGMACover 211** (*Sigmarite WL Primer*)

- Epoxy primer especially designed for concrete substrates



Direct to metal technology



Tolerance to low grade surface preparation



Longlasting Strength



Compatible with cathodic protection



Resistant to industrial polluted areas

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.

**Complimentary documentation**

- SigmaCover 1500  
Product data sheet 7715
- SigmaCover 805  
Product data sheet 7726
- SigmaCover 630  
Product data sheet 7430
- SigmaCover 566  
Product data sheet 0503
- SigmaCover 522  
Product data sheet 7420
- SigmaCover 480  
Product data sheet 7441
- SigmaCover 456  
Product data sheet 7466
- SigmaCover 435  
Product data sheet 7465
- SigmaCover 300  
Product data sheet 7472
- SigmaCover 280  
Product data sheet 7417
- SigmaCover 256  
Product data sheet 7412
- SigmaCover 211  
Product data sheet 7406



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