

PROTECTIVE COATINGS

SIGMA COATINGS

SIGMA*Fast*

Fast Curing Systems For Fabrication

Protective Coating solutions that cover your needs

SIGMAFast 302
SIGMAFast 213
SIGMAFast 210
SIGMAFast 205
SIGMAFast 45
SIGMAFast 40
SIGMAFast 20



SIGMA
COATINGS

| Protecting the Future

The SigmaFast curing range – Improved productivity

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



The fabrication of steel structures is a highly complex environment where the speed of construction is a vital element in the final cost analysis.

The SigmaFast range of products have been specifically designed to improve productivity through the speed of cure of the protective coating.

The range is designed to meet the demanding requirements of the industry in both colour and durability.

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

- **Speed of cure**
- **Cold cure characteristics**
- **One coat direct to metal solutions**
- **Extended recoatability**
- **Excellent corrosion resistance**
- **Ease of applications**
- **Cost-effective**

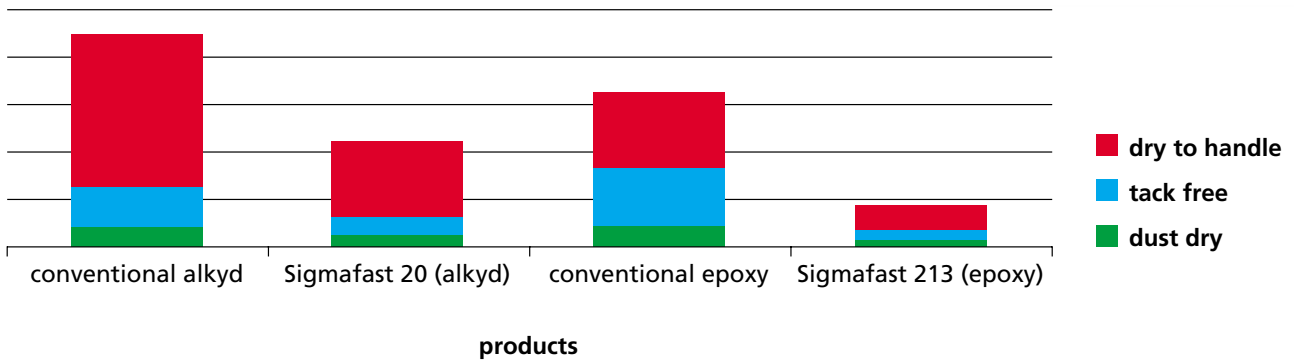


Stadiums such as: New Wembley, London
F.C. Barcelona, Barcelona
Fenerbahce, Istanbul
Ajax, Amsterdam
Feyenoord, Rotterdam
Wrestling & Judo, Athens
Weight lifting, Athens
Hockey, Athens
Baseball, Athens
Soccer, Athens

through speed of cure



Speed of cure



The SigmaFast Range



SigmaFast 302

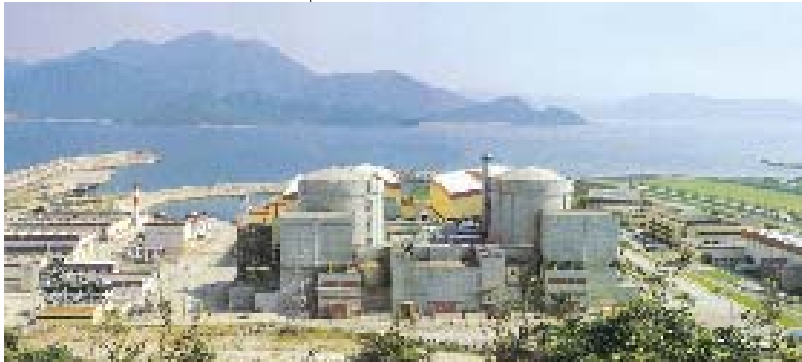
Two pack, fast curing silicate zinc epoxy primer

- Overcoatable in 25 min. at 20°C
- Excellent corrosion resistance
- Low temperature cure, even at -5°C
- ACQPA approved
- Ease of application
- Unique silicate zinc epoxy blend without pinholing or mud cracking
- Long overcoating interval (typically 12 months).

SigmaFast 213

Two pack, fast curing epoxy primer

- Overcoatable in 45 min at 20°C
- Low temperature cure, even at -5°C
- ACQPA approved
- Ease of application
- Long overcoating interval for ease of construction (typically 12 months)
- Excellent corrosion resistance



Photographs of SigmaFast 302 top coated with a highly durable finish. Tested to Norsok M501 standards. 4200 hours of salt spray, wet/dry cycle tests. Corrosion from the scribe is less than 2 mm.





SigmaFast 210

Two pack, fast curing, polyurethane primer buildcoat / finish coat

- One coat system direct to metal for many applications
- Good corrosion resistance for atmospheric exposure conditions
- Available in a full range of colours
- Dry to handle in 30 minutes at 20°C
- Good gloss and colour retention properties

SigmaFast 205

Two pack, epoxy primer buildcoat / finish

- One coat system direct to metal for many applications
- Good corrosion resistance for atmospheric exposure conditions
- Available in a full range of colours
- High solids VOC compliant
- Touch dry in 2 hours at 20°C

SigmaFast 45

Single pack fast curing high gloss alkyd finish

- Tack free after 45 minutes
- Available in a full range of colours
- Good gloss and colour retention properties

SigmaFast 40

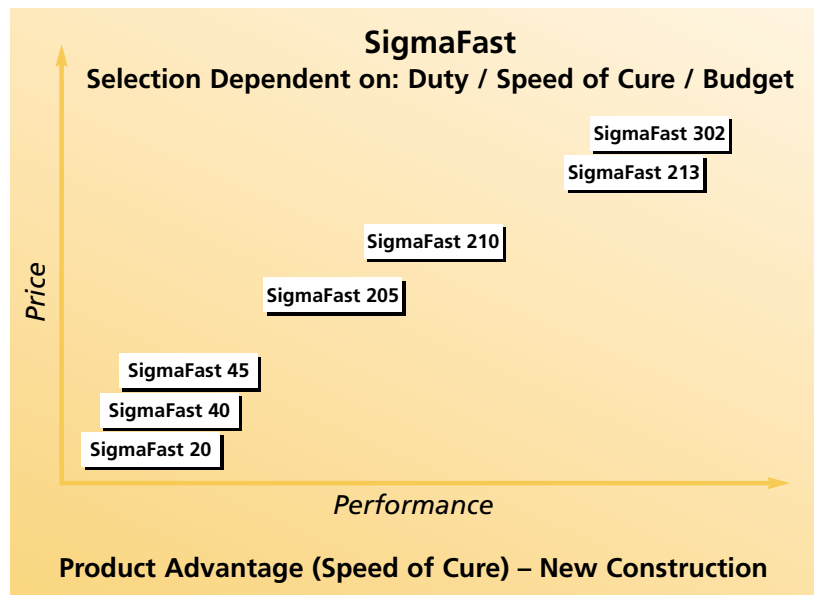
Single pack, fast curing alkyd finish

- Tack free after 45 min at 20°C
- Available in a full range of colours
- Good gloss and colour retention properties

SigmaFast 20

Single pack fast curing alkyd primer

- Tack free after 30 min., overcoatable in 4 hrs. at 20°C
- Good anticorrosive properties for atmospheric exposure
- Surface treatment properties to St2
- Available in a full range of colours



SigmaFast Applications



The SigmaFast Range is widely used and trusted across key industry sectors of the protective coatings business. The products meet the very challenging environments found in Infrastructure, Power, Oil and Gas and Civil Building.

Infrastructure

- Bridges
- Port and Harbour structures
- Waste and Water

Power

- Wind Turbines
- Power Plants

Oil & Gas

- Steel Construction
- Tank externals

Civil building

- Airports
- Stadia
- Shopping complexes



The SigmaFast Range Renamed

SIGMAFast 302 (*Sigmarite Vigor ZN 302 SR*)

- Fast and low temperature curing epoxy primer

SIGMAFast 213 (*SigmaCover Freitapox SR 213*)

- Fast curing silicate zinc epoxy primer, overcoatable in 45 minutes at 20°C

SIGMAFast 210 (*New development*)

- Fast curing, polyurethane primer / buildcoat / finish coat, dry to handle in 30 minutes at 20°C

SIGMAFast 205 (*Sigma EP Steeline N*)

- One coat epoxy primer / buildcoat / finish dry to handle in 6 hours at 20°C

SIGMAFast 45 (*Sigmasteel QD Gloss*)

- Fast drying, single pack high gloss alkyd finish, tack free after 45 minutes

SIGMAFast 40 (*Sigmasteel QD Finish*)

- Fast drying, single pack semigloss alkyd finish, tack free after 45 minutes at 20°C

SIGMAFast 20 (*Sigmasteel QD*)

- Fast drying, single pack alkyd primer coat, tack free after 30 minutes and overcoatable in four hours at 20°C



Inshop application



Multiple coats a day



Single coat



Economical



Resistant to rural atmospheres

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

SigmaFast 302
Product data sheet 7704

SigmaFast 213
Product data sheet 7705

SigmaFast 210
Product data sheet 7541

SigmaFast 205
Product data sheet 7802

SigmaFast 45
Product data sheet 7257

SigmaFast 40
Product data sheet 7234

SigmaFast 20
Product data sheet 7155



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