

PROTECTIVE COATINGS

solutions that cover your needs



**SIGMA
COATINGS**

A PPG Brand

SIGMA *Fast*

Fast-curing systems for fabrication



PPG Protective & Marine Coatings



The SigmaFast Range

Speed of cure in steel fabrication

PPG Protective & Marine Coatings

Unrivalled performance and protection

PPG Protective & Marine Coatings (PMC) is a world leader in protective and marine coatings.

We create proven products that protect customers' assets in some of the world's most demanding markets including:

- *Civil building*
- *Infrastructure*
- *Offshore*
- *Petrochemical*
- *Power*
- *Rail*
- *Marine new-build*
- *Marine dry dock*
- *Marine sea stock*

Our coatings are unrivalled in performance and protection among asset owners, contractors, fabricators and applicators across the globe, helping customers meet the challenges they face today, and tomorrow.

Experience, innovation and integrity – that's what makes PMC the ideal coatings partner.

For industries where speed of construction is a vital element in the final cost analysis, the SigmaFast range helps to improve productivity through its speed of cure.

To meet strict delivery deadlines, for example, in the construction of sports stadiums, many steel constructors choose SigmaFast 210 – an excellent, fast-curing product. This two-pack, polyurethane primer buildcoat and finish offers a superior one-coat solution; it is applied direct to metal, becomes dry to handle in 1 hour at 20°C/68°F and is available in many colors.

Benefits of the SigmaFast range:

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

SigmaFast applications

SigmaFast protective coatings have an enviable record gained through many years of service for customers who demand outstanding performance and protection. The range is widely used and trusted to withstand the challenging environments found in Civil building, Infrastructure, Power, Petrochemical and OEM applications.

Infrastructure

- **Bridges**
- **Port and harbor structures**
- **Waste water facilities**

Petrochemical

- **Structural steel**
- **Land storage tank externals**
- **Pipework**

Civil building

- **Airports**
- **Stadiums**
- **Shopping malls**

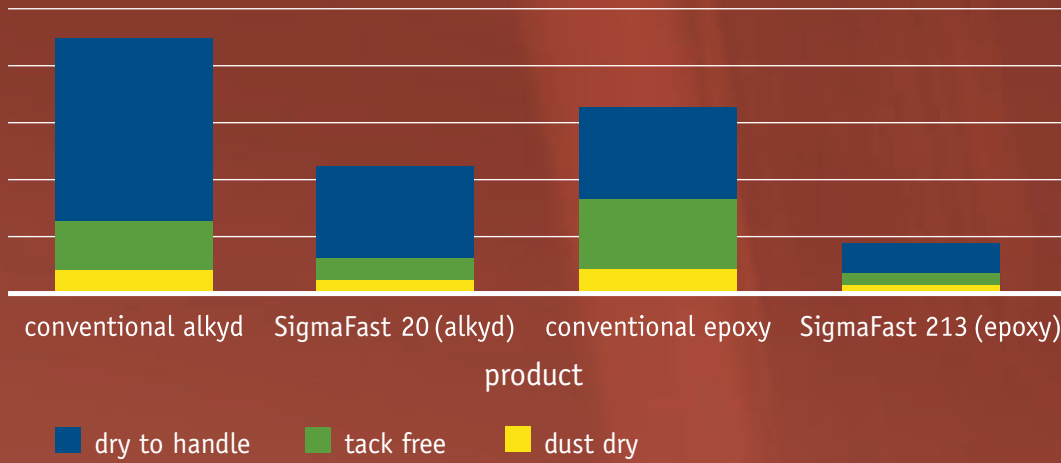
Power

- **Power plants**
- **Wind turbines**

OEM

- **Industrial equipment manufacturing**

Speed of cure





The SigmaFast Range

Two component products

SigmaFast 370

Epoxy primer and buildcoat

- One-coat system direct to metal
- Minimum overcoating in 2 hours at 20°C/68°F
- Maximum overcoating in 6 months
- Low-temperature curing down to -5°C/23°F
- Excellent corrosion resistance in atmospheric conditions

SigmaFast 320

Zinc phosphate epoxy primer

- Minimum overcoating in 2.5 hours at 20°C/68°F
- Extended overcoating time
- Low temperature curing down to 0°C/32°F
- Good corrosion resistance in atmospheric conditions
- Unique silicate zinc epoxy primer

SigmaFast 302

Unique silicate zinc epoxy primer

- Minimum overcoating in 25 minutes at 20°C/68°F
- Maximum overcoating interval 12 months
- Low temperature curing down to -5°C/23°F
- ACQPA approved
- No popping when topcoat is applied
- Excellent corrosion resistance in atmospheric conditions

SigmaFast 213

Vinyl epoxy primer and buildcoat

- Minimum overcoating in 1 hour at 20°C/68°F
- Maximum overcoating in 12 months
- Low-temperature curing down to -5°C/23°F
- ACQPA approved
- Good corrosion resistance in atmospheric conditions

SigmaFast 210

Polyurethane primer, buildcoat and finish

- One-coat system direct to metal
- Minimum overcoating in 1 hour at 20°C/68°F
- Indefinite overcoating time
- Low temperature curing down to -5°C/23°F
- Available in a full range of colors
- Excellent color and gloss retention
- Good corrosion resistance in atmospheric conditions

SigmaFast 205

High-solids, zinc phosphate epoxy primer and buildcoat

- One-coat system direct to metal
- Minimum overcoating interval 4 hours at 20°C/68°F
- Maximum overcoating interval 6 months
- Available in a full range of colors
- Good corrosion resistance in atmospheric conditions

SigmaFast 182

High-build epoxy primer

- Minimum overcoating interval 4 hours at 20°C/68°F
- Extended overcoating time
- Excellent corrosion resistance in atmospheric conditions



One component products

SigmaFast 45

High-gloss alkyd finish

- Touch-dry in 90 minutes at 20°C/68°F
- Minimum overcoating interval: 8 hours at 20°C/68°F
- Extended overcoating time
- Available in a full range of colors
- Good color and gloss retention

SigmaFast 40

Semi-gloss alkyd finish

- Touch-dry in 45 minutes at 20°C/68°F
- Minimum overcoating interval: 4 hours at 20°C/68°F
- Extended overcoating time
- Available in a full range of colors
- Good color and gloss retention

SigmaFast 20

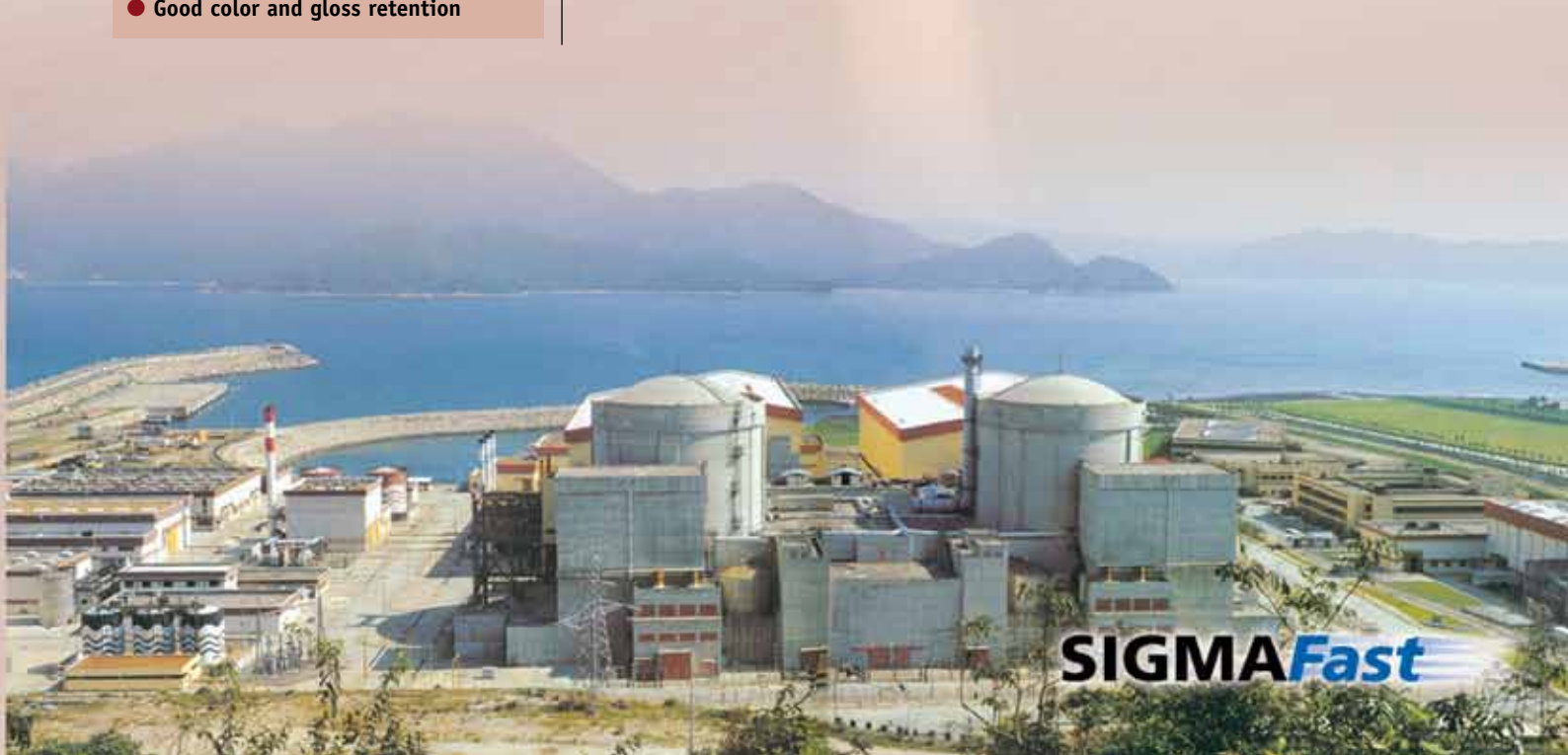
High-build zinc phosphate alkyd primer

- Touch-dry in 30 minutes at 20°C/68°F
- Minimum overcoating interval: 4 hours at 20°C/68°F
- Extended overcoating time
- Compatible for surface treatment to St2
- Available in a full range of colors
- Good corrosion resistance in atmospheric conditions

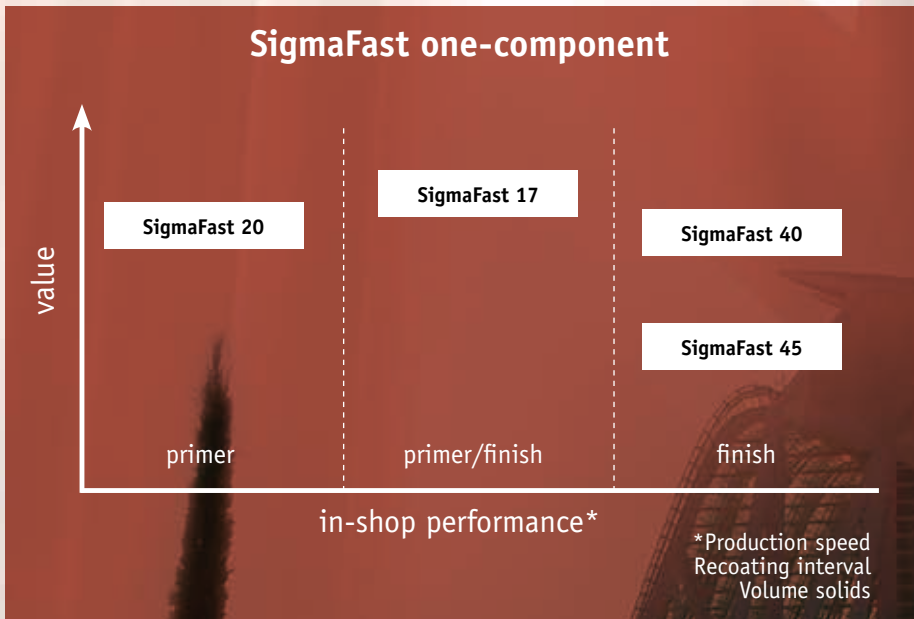
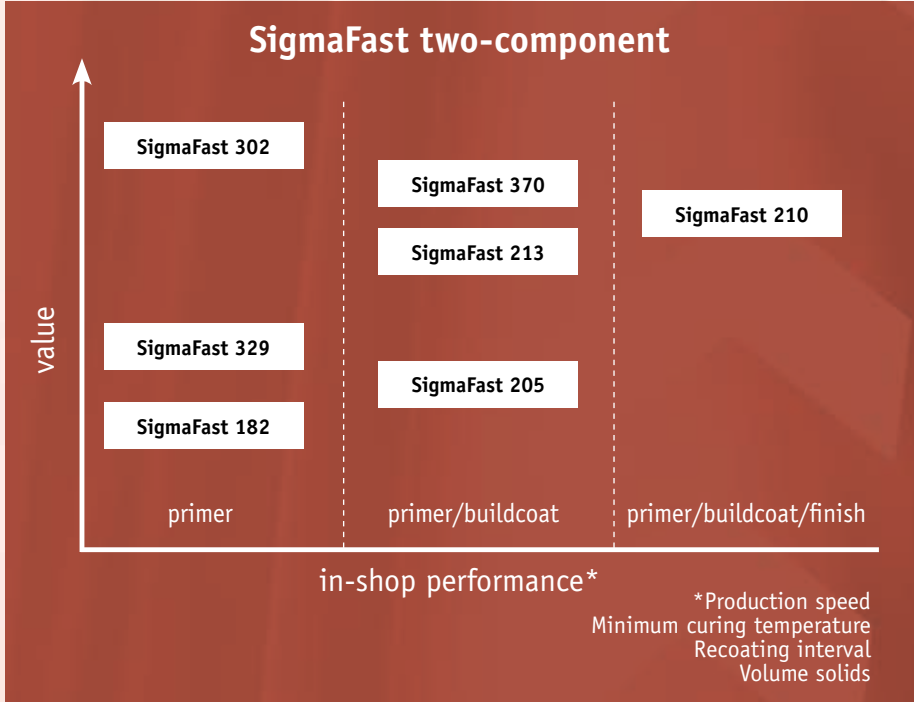
SigmaFast 17

Semi-gloss alkyd primer and finish

- Tack-free in 30 minutes at 20°C/68°F
- Minimum overcoating interval: 4 hours at 20°C/68°F
- Extended overcoating time
- Compatible for surface treatment to St2
- Available in a full range of colors
- Good corrosion resistance in atmospheric conditions



SIGMAFast



The SigmaFast Range

SigmaFast 370 (*Amercoat 370*)

- Epoxy primer and buildcoat: overcoating in 2 hours at 20°C/68°F

SigmaFast 329 (*Steelguard 3290*)

- Zinc phosphate epoxy primer: overcoating in 2.5 hours at 20°C/68°F

SigmaFast 302

- Unique silicate zinc epoxy primer: overcoating in 25 minutes at 20°C/68°F

SigmaFast 213

- Vinyl epoxy primer and buildcoat: overcoating in 1 hour at 20°C/68°F

SigmaFast 210

- Polyurethane primer, buildcoat and finish: overcoating in 1 hour at 20°C/68°F

SigmaFast 205

- High-solids zinc phosphate epoxy primer and buildcoat: overcoating in 4 hours at 20°C/68°F

SigmaFast 182 (*Amercoat 182ZP HB*)

- High-build epoxy primer: overcoating in 4 hours at 20°C/68°F

SigmaFast 45

- High-gloss alkyd finish: touch dry in 90 minutes at 20°C/68°F

SigmaFast 40

- Semi-gloss alkyd finish: touch dry in 45 minutes at 20°C/68°F

SigmaFast 20

- High-build zinc phosphate alkyd primer: overcoating in 4 hours at 20°C/68°F

SigmaFast 17 (*Amercoat 4117*)

- Semi-gloss alkyd primer and finish: overcoating in 4 hours at 20°C/68°F

PPG Protective & Marine Coatings

PPG Protective & Marine Coatings brings unrivalled levels of innovation, experience and expertise in coatings technology, supported through our expanding global supply and distributors' network in over 80 countries.

We have in-depth knowledge of the industry, our customers' day-to-day challenges and the environmental, health and safety standards in the marketplace. By working in close partnership with customers, our technical service representatives are able to offer an unsurpassed level of market knowledge. This enables us to respond quickly with efficient, economic solutions in all environments and industries.

The result – performance-enhancing coating systems that can be applied more easily, resist the elements more effectively, and deliver maximum performance with minimum downtime.

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