

# PROTECTIVE COATINGS

*solutions that cover your needs*



**'World class protection  
for sporting facilities'**



Sigma Coatings is a brand of the SigmaKalon Group



# Protecting the Future

*SigmaKalon Marine & Protective Coatings has been a leading provider of Marine and Protective Coatings across the globe for many years.*

*We are a division of the SigmaKalon group – a worldwide player in decorative, marine, protective and industrial coatings. We generate Worldwide Sales of 1.8 Billion Euros with more than 10,000 employees and are active in over 40 countries covering all continents.*

*Through many years of research and development, SigmaKalon has developed a comprehensive range of protective coatings, which are designed to meet the requirements of all conditions across a wide range of industrial applications. From offshore oil and gas platforms to state-of-the-art sports stadia, SigmaKalon has a protective coating system to suit.*

*Our innovative protective coating solutions have been used time and time again over many years to provide the long term protection and performance that is expected with sporting structures and high profile stadia.*

*Prestigious projects deserve the foremost in corrosion protection for both aesthetic purposes and longevity which is where SigmaKalon Marine and Protective Coatings come to the fore.*



# Featured protective coating systems

The protective systems detailed below give 2 examples of the high performance corrosion protection systems that are applicable to sporting structures. Both systems are in accordance with ISO 12944.

Externally exposed steelwork on landmark structures requires optimum corrosion protection systems which can be applied in a cost effective manner, The following SigmaKalon protective systems provide optimum performance whilst offering user friendly application characteristics.

## System 1

Highly durable 2 coat zinc rich epoxy, polymeric urethane system

Coat	Product	Generic type	dry film thickness
Primer	SigmaZinc 109HS	Zinc rich epoxy primer	150µm
Finish	SigmaDur 1800	Polymeric urethane finish	75µm

### System benefits

Up to 20 years durability for corrosion protection and cosmetic appearance in just 2 coats. SigmaDur 1800 is a new generation polymeric urethane which offers the highest level of cosmetic performance possible whilst being more economic than equivalent polysiloxane finishes available. This system meets the requirements of Norsok M501 and Florida testing to ACQPA.

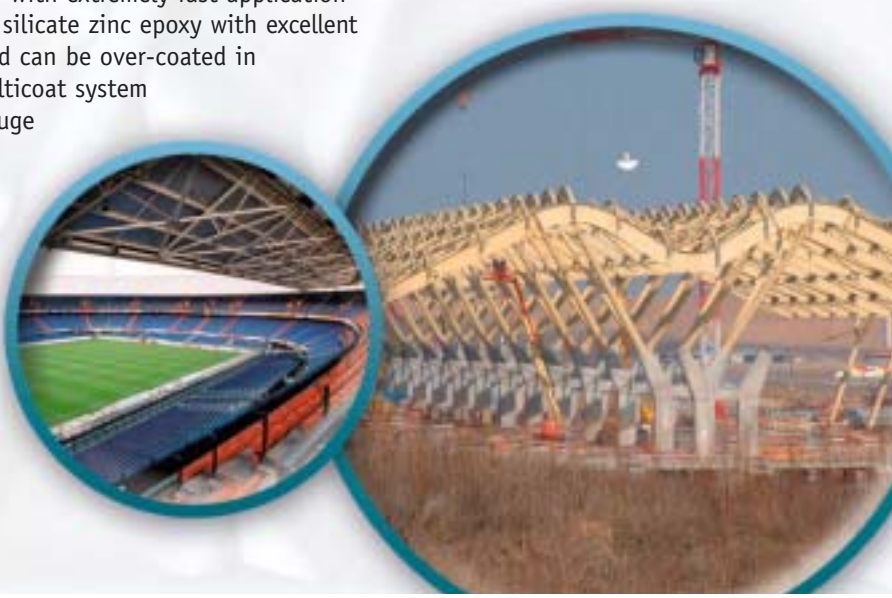
## System 2

Highly durable 3 coat silicate zinc epoxy primer system

Coat	Product	Generic type	dry film thickness
Primer	SigmaFast 302	Silicate zinc epoxy primer	75µm
Intermediate	SigmaCover 435	Epoxy MIO build coat	150µm
Finish	SigmaDur 1800	Polymeric urethane finish	75µm

### System benefits

Up to 20 years durability for corrosion protection and cosmetic appearance. A more conventional 3 coat system with extremely fast application characteristics. SigmaFast 302 is a silicate zinc epoxy with excellent corrosion protection performance and can be over-coated in just 40 minutes which means a multicoat system can be applied in a day, this has huge cost savings for projects by reducing application time.

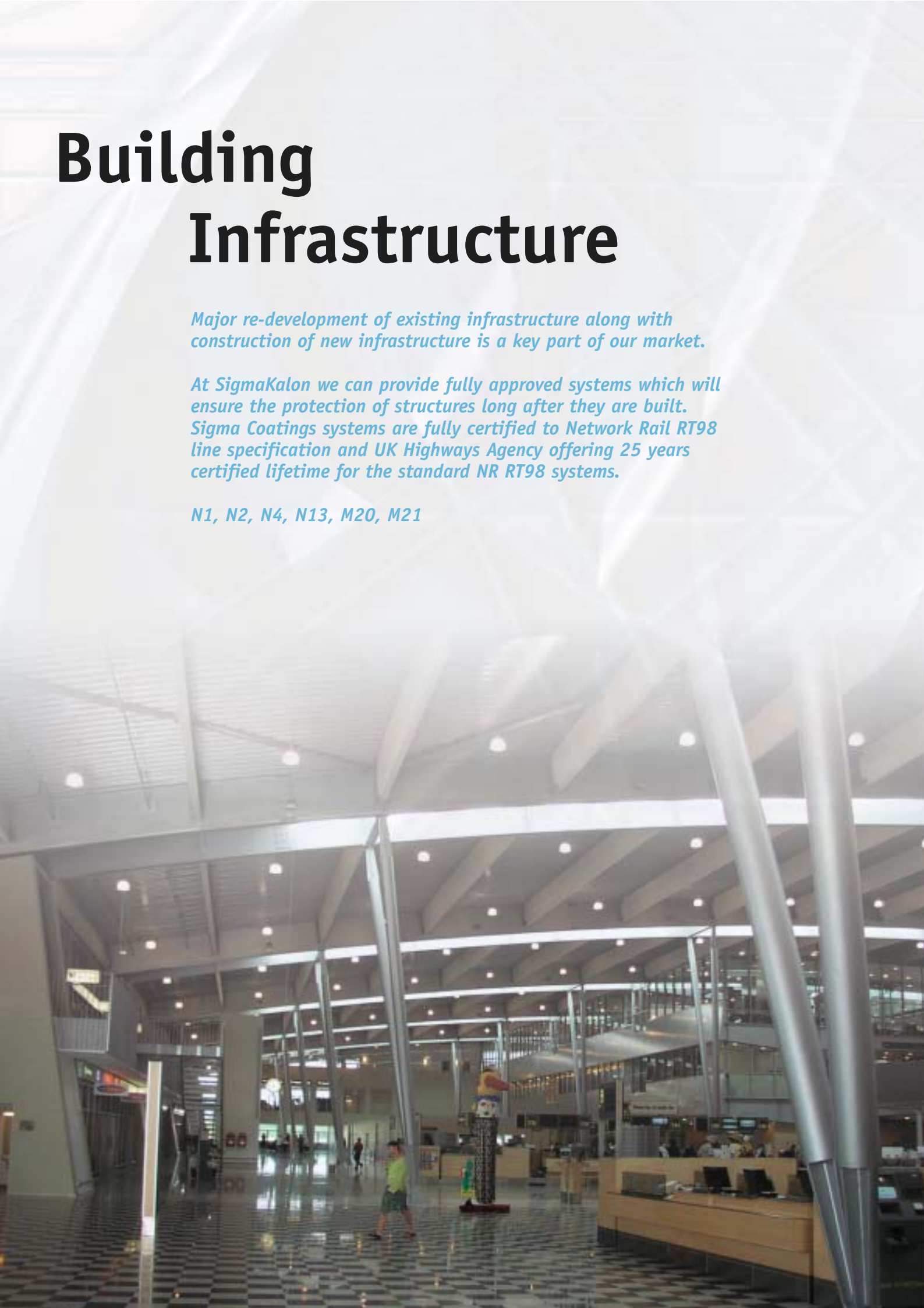


# Building Infrastructure

*Major re-development of existing infrastructure along with construction of new infrastructure is a key part of our market.*

*At SigmaKalon we can provide fully approved systems which will ensure the protection of structures long after they are built. Sigma Coatings systems are fully certified to Network Rail RT98 line specification and UK Highways Agency offering 25 years certified lifetime for the standard NR RT98 systems.*

*N1, N2, N4, N13, M20, M21*



# Case Histories

## Twickenham RFC, United Kingdom ▶

3 coat silicate epoxy system

- 1) Silicate zinc epoxy primer – SigmaFast 302
- 2) Epoxy MIO build coat – SigmaCover 435
- 3) Polyurethane finish coat – SigmaDur 550



## Rion Antirion Bridge, Greece ▶

3 coat system

- 1) Zinc epoxy primer – SigmaZinc 102
- 2) High solid epoxy build coat – SigmaCover 456HS
- 3) Polyurethane finish coat – SigmaDur 550



## Olympic Soccer Stadium, Greece

4 coat epoxy system

- 1) Zinc epoxy primer – SigmaZinc 102
- 2) Epoxy buildcoat – SigmaCover 630
- 3) Epoxy MIO build coat – SigmaCover 435
- 4) Polyurethane finish coat – SigmaDur 520

# Specification writing and advice

SigmaKalon offers a full specification writing and advice service.

We have many years experience in the specification and use of high performance protective coating systems and understand the requirements of large prestigious projects.



We believe that a unified approach with the planning, design and specifying companies at the very start of projects ensures that the most suitable and effective coating solutions can be utilized and tailored for each individual project.

We are happy to compile complete packages entailing all the suitable corrosion protection specifications required for any projects.

This helps to take the pressure off the corrosion protection detail in the planning and design process and also ensures that prestigious projects are adequately protected for many years to come.

For further information on our products and relevant systems for sporting structures please go to:

[www.sigmacoatings.com/sportingfacilities](http://www.sigmacoatings.com/sportingfacilities)

**JOHNSTONE'S**

# Excellence in Paint Since 1890

SigmaKalon can also provide a full range of decorative coatings. This enables us to offer a complete portfolio of products, from the structural steelwork on sports stadia to the walls in the changing rooms SigmaKalon has got it covered.



When it comes to decorative coatings, Johnstone's really does set the standard. A manufacturer of paint since 1890, Johnstone's offers a complete range of professional finishes including interior, exterior and woodcare products. With over 110 years experience and expertise, Johnstone's professional paint products are second to none. All products are manufactured under a quality system approved by the BSI.

## **Trade Professional & Advanced Technology:**

The Johnstone's Trade Professional Range gives you all the core products you need to get the best job done while the Advanced Technology Range offers superior performance products.

## **Stormshield Exterior Finishes:**

Johnstone's Stormshield exterior finishes are performance products that have been formulated to ensure lasting protection of exterior walls, masonry, wood and metal.

## **Woodworks:**

The Johnstone's Woodworks range provides customers with a complete range of woodcare products with professional formulations, providing excellent application and performance characteristics.

To ensure that the most suitable and highest quality products are specified for your project, our dedicated team of Specification Development Managers are on hand to help. Supported by the Johnstone's Technical Consultants, our Specification Managers can provide a comprehensive support package, which includes technical advice, colour consultancy, and site inspection.

Johnstone's paints are available nationwide through Johnstone's Leyland Decorating Centres and a network of merchants and stockists.

For more information visit our website [www.johnstones-paints.co.uk](http://www.johnstones-paints.co.uk) or call our Technical Advisory Department on 01924 354100.

# 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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Your Favourite  
Coatings Company

