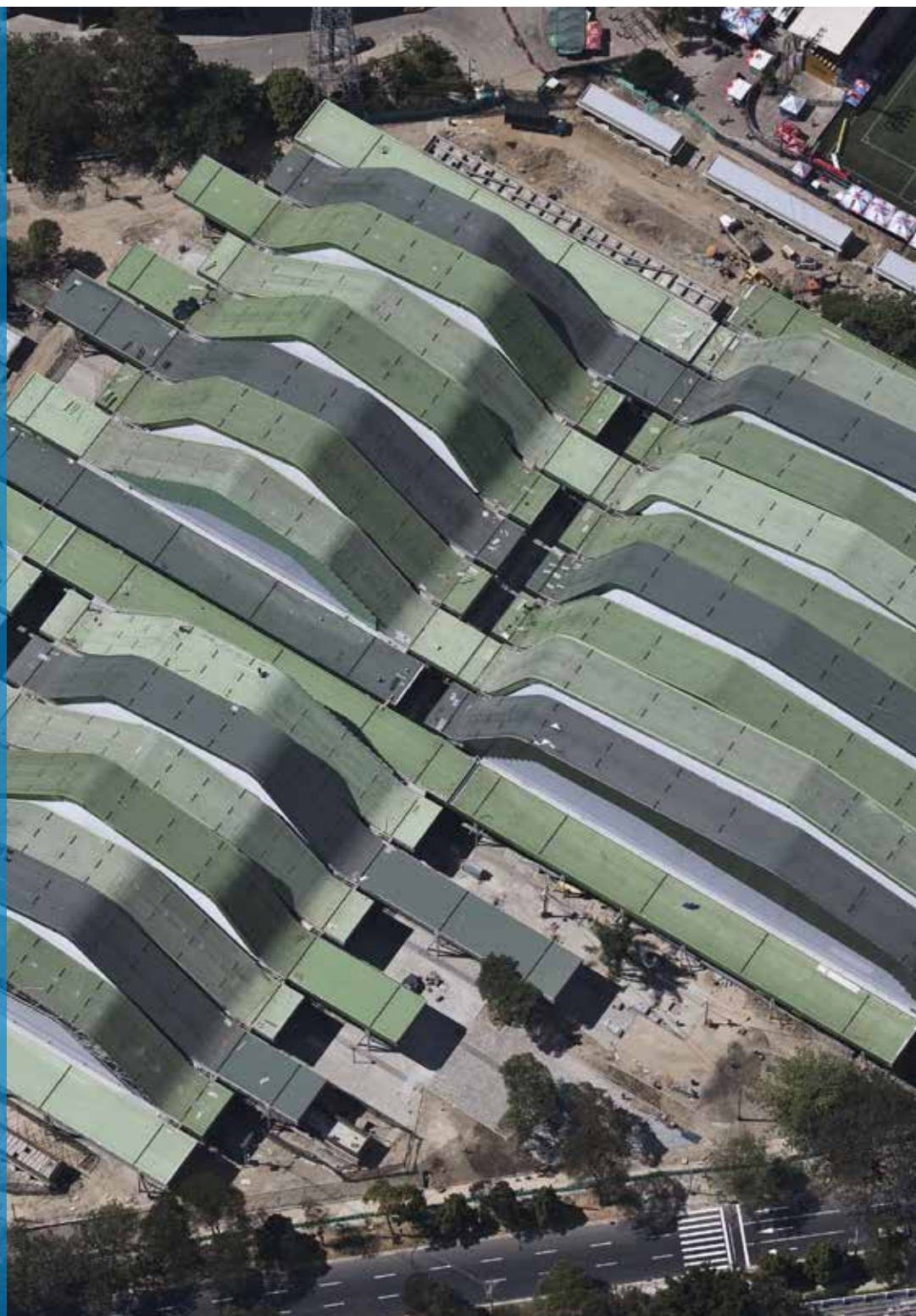


FLAG



SYNTHETIC
WATERPROOFING

FLAGON PVC

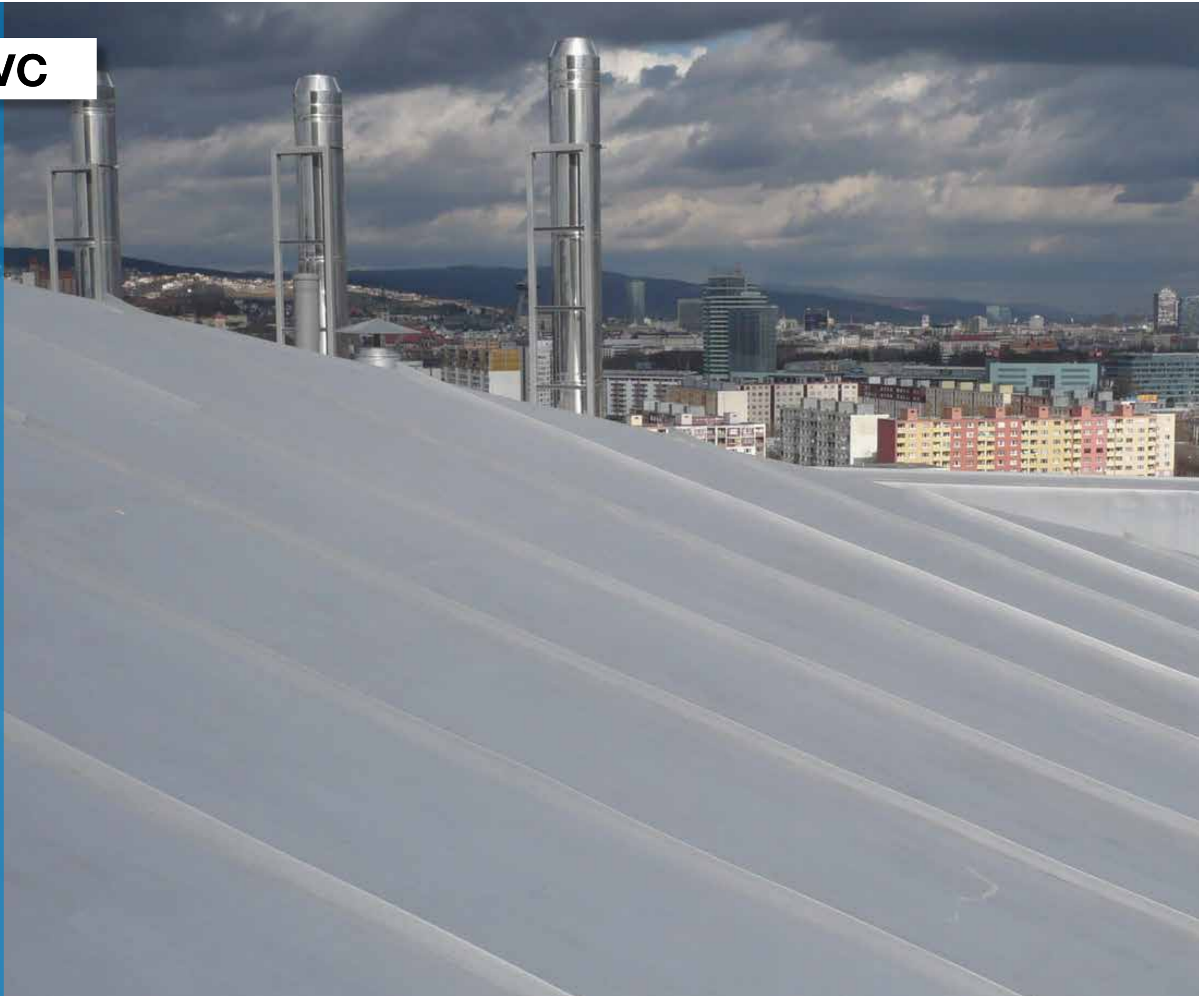


SOPREMA
GROUP

FLAGON PVC

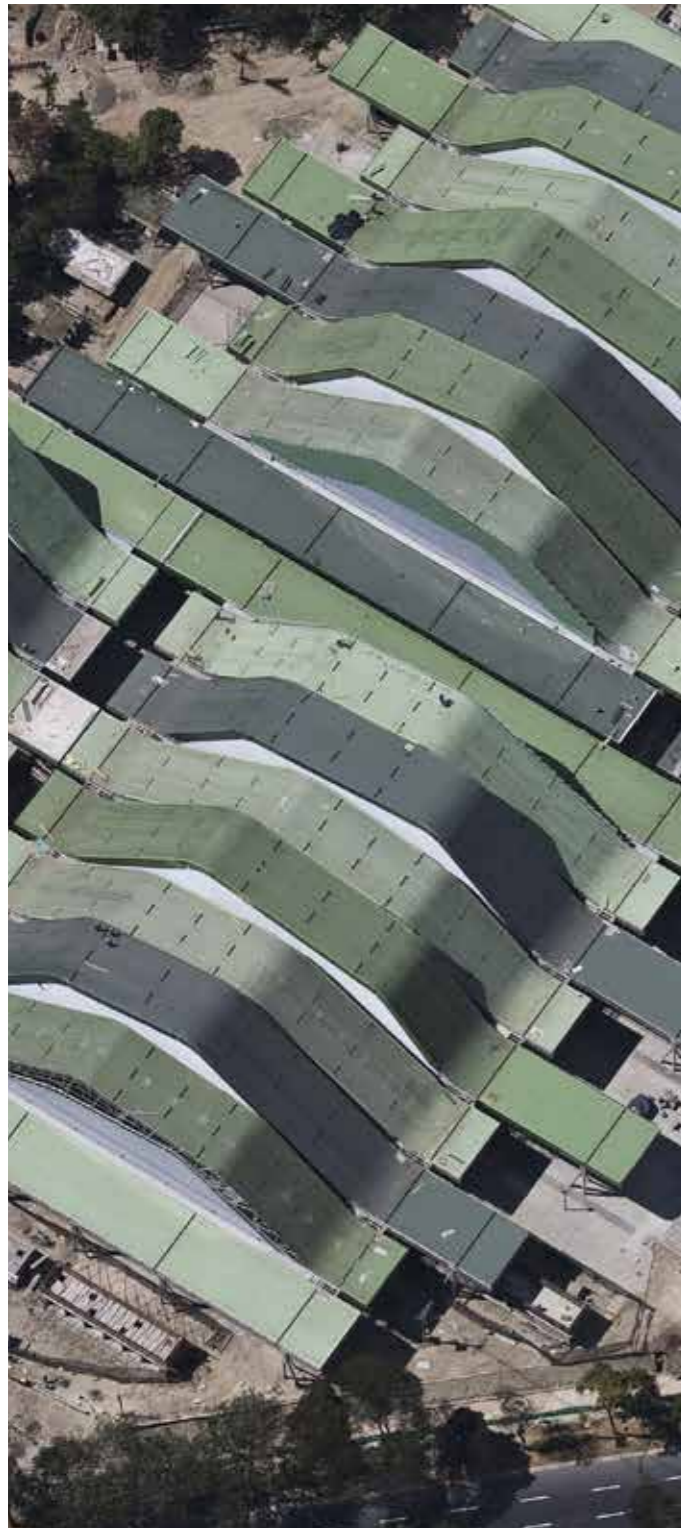
INTRODUCTION

Flagon PVC synthetic waterproofing membranes; high performance, flexible membranes, designed for exposed flat, inverted, barrel, mono-pitch and ballasted roofing applications.





FLAGON PVC SYNTHETIC WATERPROOFING



WATERPROOFING EXPERTISE

Worldwide leader in the field of waterproofing and insulation systems, SOPREMA is recognised for high quality products and technical expertise.

For over 100 years, SOPREMA has been known for its utilisation of advanced research and development capabilities that do not follow trends, but set the mark for the competition to follow.

Flagon PVC waterproofing membranes represent a new generation of synthetic waterproofing solutions, based on innovative formulations. Flagon development is based on over 50 years of extensive synthetic membrane manufacturing experience and industry leading technologies.

HIGH PERFORMANCE VERSATILITY

Modern architecture requires high performance materials and solutions, providing durable results in terms of functionality, profitability, and attractiveness. To meet these requirements, SOPREMA has developed a unique range of PVC waterproofing membranes. These modern and reliable systems provide users with many benefits.

Flagon PVC waterproofing systems are suitable for both new build and refurbishment projects. The range offers systems for fully adhered, ballasted and mechanically fixed applications.

CERTIFICATION

Flagon PVC waterproofing is BBA certified. Flagon PVC is manufactured according to the principles of sustainable construction, respecting the environment, human resources and the economy! During the manufacturing process, rainwater is collected and used to cool machinery, then recirculated through a closed circuit, avoiding any chance of environmental pollution.



ADVANTAGES

- + Flexible at low temperatures
- + High mechanical resistance
- + Resistant to UV and weathering
- + Exceptional dimensional stability
- + Lifetime in excess of 35 years.

SOPRACOVER WARRANTY

20 year warranties are available for Flagon PVC systems as standard, determined by the system specified. All SOPREMA products are installed by approved contractors to ensure a consistent standard of workmanship. There are no minimum surface area or project value requirements to qualify for the Sopracover warranty.



TECHNICAL SERVICES

Technical expertise is a key strength of SOPREMA, our technical experts are available to assist you from design right through installation, providing the following services:

- » Surveys, core samples and condition reports for refurbishment projects
- » Design consultations and advice for new build projects
- » Standard details and CAD drawings
- » Educational seminars
- » Detailed project specifications
- » Interim and completion site inspections

FLAGON PVC APPLICATIONS



ADVANCED TECHNOLOGY

Utilising thermo-plastic polymer technology, Flagon PVC membrane systems provide excellent waterproofing protection. These systems provide lightweight waterproofing solutions, resulting in a lower permanent load on the structure onto which the systems are applied. These significant benefits make Flagon PVC systems particularly suited to commercial projects.

Flagon PVC systems are the perfect solution for quick and easy installation on large scale commercial projects that demand flexibility and excellent dimensional stability. Flagon PVC systems are particularly suited to roofing applications such as; stadiums, supermarkets, distribution centres, production facilities and complex profile designs.

INSTALLATION

Flagon PVC membranes are hot air welded and can be loose laid, fully adhered or mechanically fixed to the substrate.

ADVANTAGES

Flagon PVC membranes have a unique formulation, are light weight and fully recyclable at the end of their service life. With a life expectancy of over 35 years, Flagon TPO membranes guarantee longevity.

- + Flexible
- + Highly aesthetic
- + Light weight
- + Fully recyclable
- + UV resistant



FLAT ROOFS



Light-weight, reinforced synthetic membrane systems developed for flat and mono-pitch roofs.



COMPLEX PROFILES



Decorative, reinforced synthetic waterproofing systems for complex profiles and facades



CURVED STRUCTURES



Flexible, reinforced synthetic waterproofing systems for curved, barrel and wave form roofs.

Flagon® SR			●	●		
Flagon® SFC	●	●	●		●	
Flagon® SV	●	●	●			
Flagon S						●



Waterproofing under protection



Mechanically fixed waterproofing



Waterproofing under plots & pavers



Fully adhered waterproofing



Waterproofing under extensive green roof systems



Waterproofing for details



FLAGON PVC EXAMPLE SYSTEMS



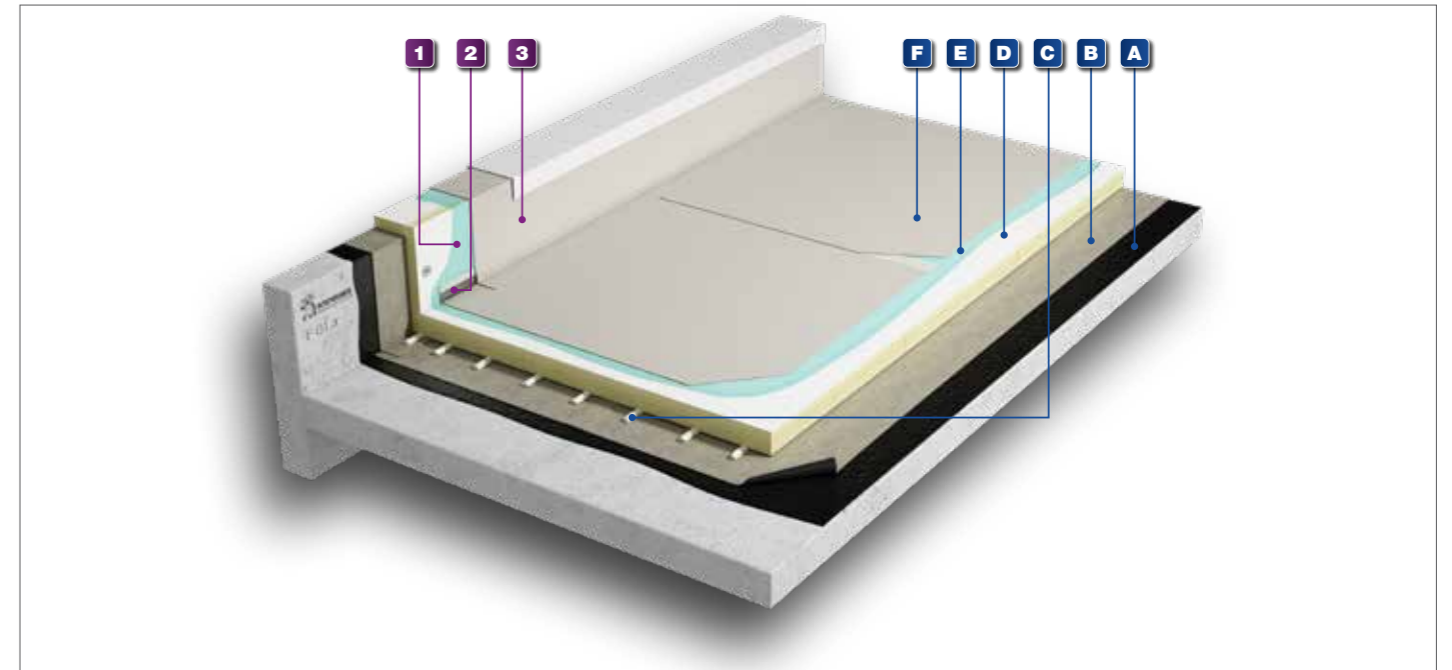
BESPOKE SYSTEMS FOR YOUR PROJECT

SOPREMA offers a vast range of PVC waterproofing systems and finishes, the systems that are displayed on these pages are indicative of typical system build ups that are specified for roofing projects. For a bespoke system recommendation that meets the individual requirements of your project, please contact SOPREMA. Contact details can be found on the back cover of this document.



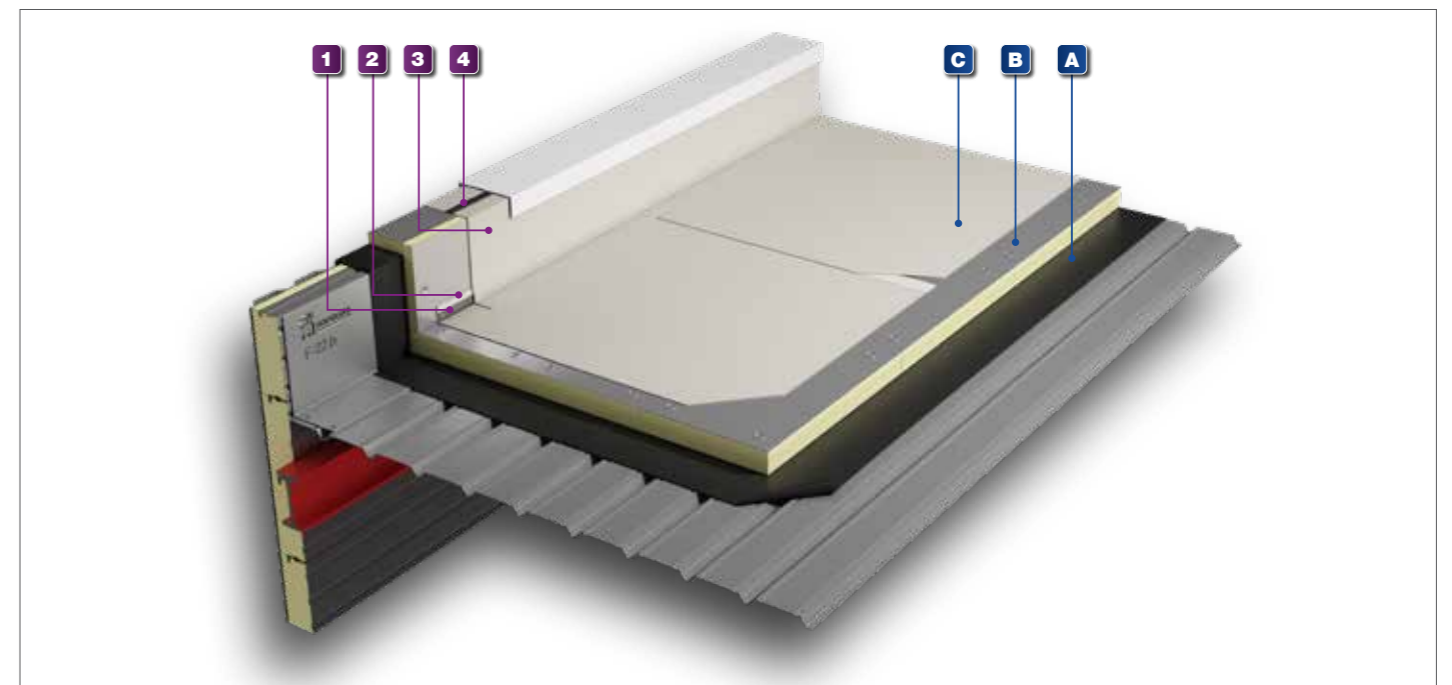
ACCESSORIES

A full range of Flagon PVC accessories including outlets and leaf guards, are available from SOPREMA and covered by the single-point Sopracover warranty.



FLAGON PVC FULLY ADHERED SYSTEM

A. PRIMER	B. VAPOUR LAYER	C. INSULATION ADHESIVE	D. INSULATION	E. ADHESIVE	F. WATERPROOFING	1. ADHESIVE	2. METAL	3. WATERPROOFING
ELASTOCOL 600	SOPRAVAP STICK S16	COLTACK EVOLUTION CA	SOPRATHERM	FLEXOCOL W LV	FLAGON SFC	FLEXOCOL C	FLAG PEEL STOP	FLAGON SV



FLAGON PVC MECHANICALLY FIXED SYSTEM

A. VAPOUR LAYER	B. INSULATION	C. WATERPROOFING	1. METAL	2. DETAIL	3. WATERPROOFING	4. METAL
VAPOUR FLAG	SOPRATHERM	FLAGON SR	FLAG BAR	PVC FLAGOFIL	FLAGON SR	FLAG TERMINATION TAPE

FLAGON PVC

UNRESTRICTED DESIGN

The Flagon PVC range offers completely unrestricted design due to its ability to accommodate even the most complex structures and design profiles. The PVC membranes in the Flagon range can be ordered in any RAL colour to suit specific aesthetic design requirements. Standing seam profiles can also be incorporated into the system in order to provide the aesthetic finish of a traditional standing seam metal roof. The versatility and performance benefits that the Flagon PVC systems offer, have resulted in these products becoming increasingly popular for many high profile projects.

STANDARD COLOURS & FINISHES



DECOR PROFILES
Standing seam profiles are available for Flagon TPO systems, they provide an alternative to traditional folded or standed seam metal covering. Decor profiles are hot air welded to the installed system.

RAL COLOURS
The finishing components in our range can be ordered in any RAL colour to suit specific aesthetic design requirements.



SOPREMA GREEN ROOF SOLUTIONS

Green roofs are the perfect way to create sustainable building envelope solutions, promoting biodiversity and turning what would otherwise be wasted space into useful areas for people, wildlife and plants. SOPREMA supply a wide range of green roof systems, to suit every structure. Full design and specification advice is available to assist you with your project.

- + Reduce storm water run off
- + Promote biodiversity
- + Easy to install



FLAG

SOPREMA at your service:

Do you have a question about a specific project, the products or application possibilities? Then contact our technical team.

All information can be found on:
www.soprema.co.uk

SOPREMA UK

SOPREMA House
Freebournes Road
Witham, Essex, CM8 3UN

Tel : +44 (0)330 058 0668
info@soprema.co.uk
www.soprema.co.uk

