



Synthetic Membranes

Synthetic Membranes

Synthetic membranes first made their appearance in the waterproofing market back in the '60s thanks to their characteristics, which efficiently responded to modern architectural design needs in the field of civil and industrial roofing, plumbing, and civil engineering. When FLAG was first introduced to the market back in 1963, it represented a point of reference for synthetic waterproofing membranes, eventually becoming a leading product in the European market. Today, it is part of the Soprema group, thanks to which its penetration of the international market has significantly improved. Synthetic waterproofing materials can be distinguished depending on their field of application. One of the main differences is between membranes having internal reinforcement with either glass fibre or polyester mesh, which are mainly used for civil and industrial roofing, and homogeneous membranes predominantly used in the plumbing and civil engineering sector. Another essential difference concerns the nature of the synthetic material itself: we can have membranes in PVC-P, considered the classic material of synthetic membranes, or in thermoplastic polyolefin, TPO, a material that first entered the market in the '90s. In both cases, the experience acquired by the Soprema group, also in the field of synthetic materials, is the best guarantee of being able to select a product most suited to the technical needs of modern-day constructions in terms of quality and speed of installation.



Technical reference standards

UNI EN 13956: Flexible sheets for waterproofing - Plastic and rubber sheets for roof waterproofing

UNI EN 13967: Flexible sheets for waterproofing - Plastic and rubber damp proof sheets including plastic and rubber basement tanking sheet

UNI EN 13361: Geosynthetic barriers - Characteristics required for use in the construction of reservoirs and dams

UNI EN 13362: Geosynthetic barriers - Characteristics required for use in the construction of canal

UNI EN 13491: Geosynthetic Barriers - Characteristics required for use as a fluid barrier in the construction of tunnels and associated underground structures

UNI EN 13492: Geosynthetic barriers - Characteristics required for use in the construction of liquid waste disposal sites, transfer stations or secondary containment

UNI CEN TS 1187: Test methods for external fire exposure to roofs

UNI EN 13501-5: Fire classification of construction products and building elements - Part 5: Classification using data from external fire exposure to roofs tests

Key for intended uses



Ballasting
Gravel



Vertical Finishes



Underground Works



Total Adhesion



Mechanical Fixing



Ballasting
Green Roof



Foundations



Total Adhesion
on Bitumen



Ballasting
Suitable for vehicles



Natural Tunnels



Ballasting
Suitable for light
foot traffic



Tanks and Reservoirs

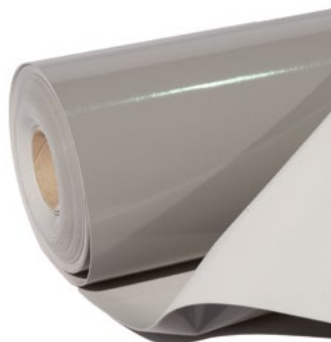


Anti-Radon




Canals and Basins

Flagon SV

PVC-P


Synthetic membrane made from PVC-P, produced by coextrusion or coating, with signal layer, dimensionally stabilised with glass fibre, resistant to UV rays. Product with CE marking compliant with Standard EN 13956 and EN 13967.

CHARACTERISTICS	Flagon SV 1.5 mm	Flagon SV 1.8 mm	Flagon SV 2.0 mm	Flagon SV 2.4 mm
Dimensions m	1.65x20 - 2.10x20 **	1.65x20 - 2.10x20 **	1.65x20 - 2.10x20 **	1.65x20 - 2.10x20 **
Rolls per pallet - m ²	23-736 - 14-588	23-736 - 14-588	18-576 - 14-588	18-576 - 14-588
Top side colour	Light grey	Light grey	Light grey	Light grey
Bottom side colour	Dark grey	Dark grey	Dark grey	Dark grey
Intended use				

* Note: Available in RAL 7012, 6021 and 9016; on request also available in other colours from the RAL colour chart (to be verified with the Soprema S.r.l. technical department - tech-office@soprema.it) for minimum quantities of 1500 m².


** L= 1.65 m - Coating L= 2.10 m - Coextrusion



Flagon SFc

PVC-P

Synthetic membrane made from PVC-P bonded, on the bottom side, with 200 g/m² of non-woven geotextile, with single layer, produced by coating, dimensionally stabilised with glass fibre, resistant to UV rays. Product with CE marking compliant with Standard EN 13956.

CHARACTERISTICS	Flagon SFc 1.5 mm	Flagon SFc 1.8 mm	Flagon SFc 2.0 mm
Dimensions m	1.65x20	1.65x20	1.65x20
Rolls per pallet - m ²	16-528	12-396	12-396
Top side colour	Light grey	Light grey	Light grey
Bottom side colour	Dark grey	Dark grey	Dark grey
Bottom side finish	Non-woven geotextile	Non-woven geotextile	Non-woven geotextile
Intended use			



*Note: Available in RAL 7012, 6021 and 9016; on request also available in other colours from the RAL colour chart (to be verified with the Soprema S.r.l. technical department - tech-office@soprema.it) for minimum quantities of 1500 m².

Flagon SR - Flagon SRF

PVC-P

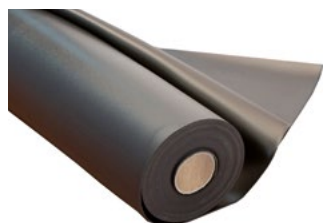

Synthetic membrane made from PVC-P reinforced with polyester mesh, with signal layer, produced by coextrusion (Flagon SR) or coating (Flagon SR and Flagon SRF), resistant to UV rays.

Products with CE marking compliant with Standard EN 13956 (Flagon SR and Flagon SRF) and EN 13361, EN 13362 (Flagon SR).

CHARACTERISTICS	Flagon SR 1.5 mm	Flagon SR 1.8 mm	Flagon SR 2.0 mm	Flagon SRF 1.5 mm	Flagon SRF 1.8 mm	Flagon SRF 2.0 mm
Dimensions m	1.60x20 - 2.10x20 - 1.05x20	1.60x20 - 2.10x20 - 1.05x20	1.60x20 - 2.10x20 - 1.05x20	1.60x20	1.60x20	1.60x20
Rolls per pallet - m ²	23-736 - 14-588 - 14-294	23-736 - 14-588 - 14-294	23-736 - 14-588 - 14-294	16-512	12-384	12-384
Top side colour	Light grey	Light grey	Light grey	Light grey	Light grey	Light grey
Bottom side colour	Dark grey	Dark grey	Dark grey	Dark grey	Dark grey	Dark grey
Bottom side finish	-	-	-	Non-woven geotextile	Non-woven geotextile	Non-woven geotextile
Intended use						


*Note: Available in RAL 7012, 6021 and 9016; on request also available in other colours from the RAL colour chart (to be verified with the Soprema S.r.l. technical department - tech-office@soprema.it) for minimum quantities of 1500 m².

Flagon A

PVC-P


Homogeneous synthetic membrane made from PVC-P, obtained by coextrusion with the use of polymeric plasticisers with temporary resistance to contact with oils and hydrocarbons, not resistant to UV rays. Product with CE Marking compliant with standard: EN 13956, EN 13361, EN 13362, EN 13967.

Cerisie test report No. 280/2016

CHARACTERISTICS	Flagon A 1.8 mm	Flagon A 2.0 mm	Flagon A 2.4 mm
Dimensions m	2.10x20	2.10x20	2.10x20
Rolls per pallet - m ²	14-588	14-588	14-588
Top side colour	Black	Black	Black
Bottom side colour	Black	Black	Black
Intended use			

Flagon SV Strip

PVC-P

Membrane strip in grey PVC-P dimensionally stabilised with glass fibre. Resistant to UV rays.

[Flagon SV Strip](#)

Thickness: 1.5 mm
Dimensions: 0.20 m x 20 m

Flagon S (PVC for finish)

PVC-P

Homogeneous membrane in PVC-P for light grey coloured finish. Resistant to UV rays.

[Flagon S](#)

Thickness: 1.5 mm
Dimensions: 1.05 m x 20 m

Flagon S Energy Plus (PVC for finish)


PVC-P

Homogeneous membrane in PVC-P for white coloured finish. Resistant to UV rays.

[Flagon S Energy Plus](#)

Thickness: 1.5 mm
Dimensions: 1.05 m x 20 m

Flagon SV Energy Plus



Flagon SFC Energy Plus



Synthetic membrane made from PVC-P, white coloured for its entire thickness, with high solar reflectance index (SRI). Produced by coextrusion (Flagon SV) or coating (Flagon SV and Flagon SFC), dimensionally stabilised with glass fibre. High resistance to UV rays.

The Flagon SFC Energy Plus membrane is bonded on the bottom side to a 200 g/m² non-woven polyester geotextile.

Products with CE Marking compliant with Standard EN 13956 (Flagon SV Energy Plus and Flagon SFC Energy Plus)

CHARACTERISTICS	Flagon SV Energy Plus 1.5 mm	Flagon SV Energy Plus 1.8 mm	Flagon SV Energy Plus 2.0 mm	Flagon SFC Energy Plus 1.5 mm	Flagon SFC Energy Plus 1.8 mm	Flagon SFC Energy Plus 2.0 mm
Dimensions m	1.65x20 - 2.10x20 **	1.65x20 - 2.10x20 **	1.65x20 - 2.10x20 **	1.65x20	1.65x20	1.65x20
Rolls per pallet - m ²	23-736 - 14-588	23-736 - 14-588	23-736 - 14-588	16-528	12-396	12-396
Top side colour	White	White	White	White	White	White
Bottom side colour	White	White	White	White	White	White
Bottom side finish	-	-	-	Non-woven geotextile	Non-woven geotextile	Non-woven geotextile
Intended use						

** L= 1.65 m - Coating L= 2.10 m - Coextrusion

Flagon SR Energy Plus



Flagon SRF Energy Plus



Synthetic membrane made from PVC-P, white coloured for its entire thickness, with high solar reflectance index (SRI). Produced by coextrusion (Flagon SR) or coating (Flagon SR and Flagon SRF), reinforced with polyester mesh, with high resistant to UV rays.

The Flagon SRF Energy Plus membrane is bonded on the bottom side to a 200 g/m² non-woven polyester geotextile.

Products with CE Marking compliant with Standard EN 13956 (Flagon SR Energy Plus and Flagon SRF Energy Plus).

CHARACTERISTICS	Flagon SR Energy Plus 1.5 mm	Flagon SR Energy Plus 1.8 mm	Flagon SR Energy Plus 2.0 mm	Flagon SRF Energy Plus 1.5 mm	Flagon SRF Energy Plus 1.8 mm	Flagon SRF Energy Plus 2.0 mm
Dimensions m	1.60x20 - 2.10x20	1.60x20 - 2.10x20	1.60x20 - 2.10x20	1.60x20	1.60x20	1.60x20
Rolls per pallet - m ²	23-736 - 14-588	23-736 - 14-588	23-736 - 14-588	16-512	12-384	12-384
Top side colour	White	White	White	White	White	White
Bottom side colour	White	White	White	White	White	White
Bottom side finish	-	-	-	Non-woven geotextile	Non-woven geotextile	Non-woven geotextile
Intended use						



Flagon SR FR M2

PVC-P

Synthetic membrane made from PVC-P reinforced with polyester mesh, with signal layer, produced by coextrusion or coating, resistant to UV rays.

The Flagon SR FR M2 membrane has obtained **Broof T3 classification** for resistance to external fire exposure in special systems pursuant to CEN TS 1187 and EN 13501-5**.

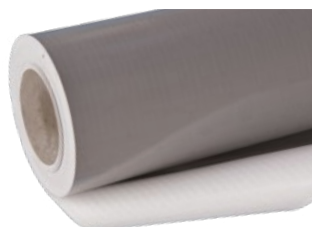
Product with CE marking compliant with standard EN 13956.

CHARACTERISTICS	Flagon SR FR M2* 1.5 mm	Flagon SR FR M2* 1.8 mm	Flagon SR FR M2* 2.0 mm
Dimensions m	1.60x20 - 2.10x20 - 1.05x20	1.60x20 - 2.10x20 - 1.05x20	1.60x20 - 2.10x20 - 1.05x20
Rolls per pallet - m ²	23-736 - 14-588 - 14-144	23-736 - 14-588 - 14-144	23-736 - 14-588 - 14-144
Top side colour	Light grey	Light grey	Light grey
Bottom side colour	Dark grey	Dark grey	Dark grey
Intended use			

*Available in the Energy Plus version.

Flagon SR SC

PVC-P



Synthetic membrane made from PVC-P reinforced with polyester mesh, with single layer, produced by coextrusion, resistant to UV rays.

The Flagon SR SC membrane has obtained **Broof T2 classification** for resistance to external fire exposure in special systems pursuant to CEN TS 1187 and EN 13501-5**.

Product with CE marking compliant with standard EN 13956.



CHARACTERISTICS	Flagon SR SC 1.5 mm	Flagon SR SC 1.8 mm	Flagon SR SC 2.0 mm
Dimensions m	1.60x20 - 2.10x20 - 1.05x20	1.60x20 - 2.10x20 - 1.05x20	1.60x20 - 2.10x20 - 1.05x20
Rolls per pallet - m ²	23-736 - 14-588 - 14-144	23-736 - 14-588 - 14-144	23-736 - 14-588 - 14-144
Top side colour	Light grey	Light grey	Light grey
Bottom side colour	Dark grey	Dark grey	Dark grey
Intended use			

****WARNING:** the performance of roofs to external fire exposure is determined by the constructive layering of the system itself as provided for in the specific test methods pursuant to CEN TS 1187. For more information on BRoof-classified layering, contact the Soprema technical department: tech-office@soprema.it

Flagon SR SC Energy Plus



PVC-P



Synthetic membrane made from PVC-P, white coloured for its entire thickness, with high solar reflectance index (SRI). Reinforced with polyester mesh, produced by coextrusion or by coating, resistant to UV rays.

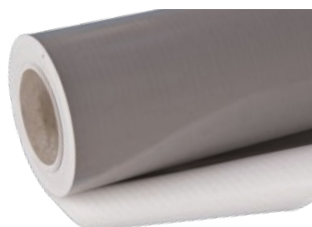
The Flagon SR SC membrane has obtained **Broof T2 classification** for resistance to external fire exposure in special systems pursuant to CEN TS 1187 and EN 13501-5**.

Product with CE marking compliant with standard EN 13956.

CHARACTERISTICS	Flagon SR SC 1.5 mm	Flagon SR SC 1.8 mm	Flagon SR SC 2.0 mm
Dimensions m	1.60x20 - 2.10x20 - 1.05x20	1.60x20 - 2.10x20 - 1.05x20	1.60x20 - 2.10x20 - 1.05x20
Rolls per pallet - m ²	23-736 - 14-588 - 14-144	23-736 - 14-588 - 14-144	23-736 - 14-588 - 14-144
Top side colour	White	White	White
Bottom side colour	White	White	White
Intended use			

Flagon SR XF

PVC-P



Synthetic membrane made from PVC-P reinforced with polyester mesh, with single layer, produced by coextrusion, resistant to UV rays.

Product with CE marking compliant with standard EN 13956.



CHARACTERISTICS	Flagon SR SC 1.5 mm	Flagon SR SC 1.8 mm	Flagon SR SC 2.0 mm
Dimensions m	1.60x20 - 2.10x20 - 1.05x20	1.60x20 - 2.10x20 - 1.05x20	1.60x20 - 2.10x20 - 1.05x20
Rolls per pallet - m ²	23-736 - 14-588 - 14-144	23-736 - 14-588 - 14-144	23-736 - 14-588 - 14-144
Top side colour	Light grey	Light grey	Light grey
Bottom side colour	Dark grey	Dark grey	Dark grey
Intended use			

****WARNING:** the performance of roofs to external fire exposure is determined by the constructive layering of the system itself as provided for in the specific test methods pursuant to CEN TS 1187. For more information on BRoof-classified layering, contact the Soprema technical department: tech-office@soprema.it






Flagon EP/PR - Flagon EP/PR F

TPO

Synthetic membrane made from modified polyolefin TPO, with single layer, obtained by coextrusion, resistant to UV rays, reinforced with polyester mesh.

The Flagon EP/PR F membrane is bonded on the bottom side to a non-woven geotextile.

Products with CE marking compliant with Standard EN 13956 (Flagon EP/PR and Flagon EP/PR F) and EN 13492* (Flagon EP/PR).

CHARACTERISTICS	Flagon EP/PR 1.5 mm	Flagon EP/PR 1.8 mm	Flagon EP/PR 2.0 mm	Flagon EP/PR F 1.5 mm	Flagon EP/PR F 1.8 mm	Flagon EP/PR F 2.0 mm
Dimensions m	2.10x20 - 1.05x20	2.10x20 - 1.05x20	2.10x20 - 1.05x20	2.10x20	2.10x20	2.10x20
Rolls per pallet - m ²	23-966 - 46-966	14-588 - 14-294	14-588 - 14-294	12-504	12-504	12-504
Top side colour	Sand grey	Sand grey	Sand grey	Sand grey	Sand grey	Sand grey
Bottom side colour	Black	Black	Black	Black	Black	Black
Bottom side finish	-	-	-	Non-woven geotextile	Non-woven geotextile	Non-woven geotextile
Intended use				 		

*For the authorised fields of application, contact the Soprema technical department: tech-office@soprema.it

Flagon EP/PV Strip

TPO

Membrane strip in TPO stabilised with fibre glass, in sand grey. Resistant to UV rays.

Flagon EP/PV Strip

Thickness: 1.5 mm
Dimensions: 0.20 m x 20 m

Flagon EP (TPO for finish)

TPO

Homogeneous TPO membrane for sand grey, dark grey and black finish. Resistant to UV rays.

Flagon EP

Thickness: 1.5 mm
Dimensions: 1.05 m x 20 m

Flagon EP Energy Plus (TPO for finish)



TPO

Homogeneous membrane in TPO for white coloured finish. Resistant to UV rays.

Flagon EP Energy Plus

Thickness: 1.5 mm
Dimensions: 1.05 m x 20 m


Flagon Premio Stick DE

TPO



Synthetic membrane made from modified flexible polyolefin TPO, with single layer, obtained by coextrusion, resistant to UV rays, dimensionally stabilised with glass fibre and bonded on the bottom side to a self-adhesive, non-woven geotextile protected by a removable siliconised PE film.

Product with CE marking compliant with standard EN 13956.

CHARACTERISTICS	Flagon Premio Stick DE 1.5 mm	Flagon Premio Stick DE 1.8 mm
Dimensions m	1.60x15	1.60x15
Rolls per pallet - m ²	12-288	12-288
Top side colour	Sand grey	Sand grey
Bottom side colour	Black	Black
Bottom side finish	Self-adhesive non-woven geotextile	Self-adhesive non-woven geotextile
Intended use		







Flagon EP/PV - Flagon EP/PV-F

TPO

Synthetic membrane made from modified flexible polyolefin TPO, with single layer, obtained by coextrusion, resistant to UV rays, dimensionally stabilised with glass fibre.

The Flagon EP/PV-F membrane is bonded on the bottom side to a non-woven geotextile.

Products with CE marking compliant with Standard EN 13956 (Flagon EP/PV and Flagon EP/PV-F) and EN 13967 (Flagon EP/PV).

CHARACTERISTICS	Flagon EP/PV 1.5 mm	Flagon EP/PV 1.8 mm	Flagon EP/PV 2.0 mm	Flagon EP/PV-F 1.5 mm	Flagon EP/PV-F 1.8 mm	Flagon EP/PV-F 2.0 mm
Dimensions m	2.10x20	2.10x20	2.10x20	2.10x20	2.10x20	2.10x20
Rolls per pallet - m ²	23-966	14-588	14-588	12-504	12-504	12-504
Top side colour	Sand grey	Sand grey	Sand grey	Sand grey	Sand grey	Sand grey
Bottom side colour	Black	Black	Black	Black	Black	Black
Bottom side finish	-	-	-	Non-woven geotextile	Non-woven geotextile	Non-woven geotextile
Intended use	  					



Flagon EP/PV Energy Plus Flagon EP/PV-F Energy Plus

TPO


Synthetic membrane made from modified flexible polyolefin TPO, white coloured for its entire thickness, with high solar reflectance index (SRI). Obtained by coextrusion, dimensionally stabilised with glass fibre with high resistant to UV rays.

The Flagon EP/PV-F membrane is bonded on the bottom side to a non-woven geotextile.

Products with CE marking compliant with Standard EN 13956.

CHARACTERISTICS	Flagon EP/PV Energy Plus 1.5 mm	Flagon EP/PV Energy Plus 1.8 mm	Flagon EP/PV Energy Plus 2.0 mm	Flagon EP/PV-F Energy Plus 1.5 mm	Flagon EP/PV-F Energy Plus 1.8 mm	Flagon EP/PV-F Energy Plus 2.0 mm
Dimensions m	2.10 x 20	2.10 x 20	2.10 x 20	2.10 x 20	2.10 x 20	2.10 x 20
Rolls per pallet - m ²	23-966	18-756	18-756	12-504	12-504	12-504
Top side colour	White	White	White	White	White	White
Bottom side colour	White	White	White	White	White	White
Bottom side finish	-	-	-	Non-woven geotextile	Non-woven geotextile	Non-woven geotextile
Intended use						



Flagon EP/PR Energy Plus Flagon EP/PR F Energy Plus

TPO


Synthetic membrane made from modified flexible polyolefin TPO, white coloured for its entire thickness, with high solar reflectance index (SRI). Obtained by coextrusion, reinforced with polyester mesh, with high resistant to UV rays.

The Flagon EP/PR F membrane is bonded on the bottom side to a non-woven geotextile.

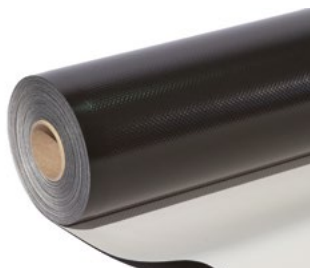
Products with CE marking compliant with standard EN 13956.

CHARACTERISTICS	Flagon EP/PR Energy Plus 1.5 mm	Flagon EP/PR Energy Plus 1.8 mm	Flagon EP/PR Energy Plus 2.0 mm	Flagon EP/PR-F Energy Plus 1.5 mm	Flagon EP/PR-F Energy Plus 1.8 mm	Flagon EP/PR-F Energy Plus 2.0 mm
Dimensions m	2.10x20	2.10x20	2.10x20	2.10x20	1.60x20	1.60x20
Rolls per pallet - m ²	23-966	18-756	18-756	12-504	12-384	12-384
Top side colour	White	White	White	White	White	White
Bottom side colour	White	White	White	White	White	White
Bottom side finish	-	-	-	Non-woven geotextile	Non-woven geotextile	Non-woven geotextile
Intended use						

*For the authorised fields of application, contact the Soprema technical department: tech-office@soprema.it

Flagon EP/PR SC


TPO



Synthetic membrane made from modified flexible polyolefin TPO, obtained by coextrusion, resistant to UV rays, reinforced with polyester mesh. Products with CE marking compliant with standard EN 13956.

The Flagon EP/PR SC membrane has obtained **Broof T2/ T3 classification** for resistance to external fire exposure in special systems pursuant to CEN TS 1187 and EN 13501-5**.



CHARACTERISTICS	Flagon EP/PR SC 1.5 mm	Flagon EP/PR SC 1.8 mm	Flagon EP/PR SC 2.0 mm
Dimensions m	2.10x20 - 1.05x20	2.10x20 - 1.05x20	2.10x20 - 1.05x20
Rolls per pallet - m ²	23-966 - 14-144	18-756 - 14-144	18-756 - 14-144
Top side colour	Sand grey	Sand grey	Sand grey
Bottom side colour	Black	Black	Black
Intended use			

Flagon EP/PR SC Energy Plus




TPO



Synthetic membrane made from modified flexible polyolefin TPO, white coloured for its entire thickness, with high solar reflectance index (SRI). Obtained by coextrusion, resistant to UV rays, reinforced with polyester mesh. Products with CE marking compliant with standard EN 13956.

The Flagon EP/PR SC membrane has obtained **Broof T2/ T3 classification** for resistance to external fire exposure in special systems pursuant to CEN TS 1187 and EN 13501-5**.

CHARACTERISTICS	Flagon EP/PR SC 1.5 mm	Flagon EP/PR SC 1.8 mm	Flagon EP/PR SC 2.0 mm
Dimensions m	2.10x20 - 1.05x20	2.10x20 - 1.05x20	2.10x20 - 1.05x20
Rolls per pallet - m ²	23-966 - 14-144	18-756 - 14-144	18-756 - 14-144
Top side colour	White	White	White
Bottom side colour	White	White	White
Intended use			

****WARNING:** the performance of roofs to external fire exposure is determined by the constructive layering of the system itself as provided for in the specific test methods pursuant to CEN TS 1187. For more information on BRoof-classified layering, contact the Soprema technical department: tech-office@soprema.it


Flagon EP/PR XF

TPO

Synthetic membrane made from modified polyolefin TPO, with single layer, obtained by coextrusion, resistant to UV rays, reinforced with polyester mesh. Products with CE marking compliant with standard EN 13956.

Product with CE marking compliant with standard EN 13956.




CHARACTERISTICS	Flagon EP/PR XF 1.5 mm	Flagon EP/PR XF 1.8 mm	Flagon EP/PR XF 2.0 mm
Dimensions m	1.05x20 - 2.10x20	1.05x20 - 2.10x20	1.05x20 - 2.10x20
Rolls per pallet - m ²	14-144 - 23-966	14-144 - 23-966	14-144 - 23-966
Top side colour	Sand grey	Sand grey	Sand grey
Bottom side colour	Black	Black	Black
Intended use			

Copper Art SR

PVC-P



Synthetic membrane made from PVC-P Copper Art for systems with mechanical fixing, reinforced with polyester mesh. Produced by subsequent coatings of a polymeric compound with copper particles incorporated into the surface skins, giving the membrane the aesthetic characteristics of the metal itself. Resistant to UV rays, with CE marking compliant with Standard EN 13956.


CHARACTERISTICS	Copper Art SR 1.8mm
Dimensions m	1.60 x 20
Rolls per pallet - m ²	12 - 384
Top side colour	Copper
Bottom side colour	Copper
Intended use	

Copper Art SFc

PVC-P



Copper Art synthetic membrane made from PVC-P for total adhesion systems, dimensionally stabilised with glass fibre and bonded on the bottom side with a non-woven geotextile. Produced by subsequent coatings of a polymeric compound with copper particles incorporated into the surface skins, giving the membrane the aesthetic characteristics of the metal itself. Resistant to UV rays, with CE marking compliant with Standard EN 13956.


CHARACTERISTICS	Copper Art SFc 1.8mm
Dimensions m	1.65 x 20
Rolls per pallet - m ²	12 - 396
Top side colour	Copper
Bottom side colour	Copper
Bottom side finish	Non-woven geotextile
Intended use	

Copper Art SRF

PVC-P



Specification item: Copper Art waterproofing made from synthetic membrane in PVC-P for systems with mechanical fixing, reinforced with polyester mesh and bonded on the bottom side with a non-woven polyester geotextile. Produced by subsequent coatings of a polymeric compound with copper particles incorporated into the surface skins, giving the membrane the aesthetic characteristics of the metal itself. Resistant to UV rays, with CE marking compliant with Standard EN 13956.


CHARACTERISTICS	Copper Art SRF 1.8mm
Dimensions m	1.60 x 20
Rolls per pallet - m ²	12 - 384
Top side colour	Copper
Bottom side colour	Copper
Bottom side finish	Non-woven geotextile
Intended use	

Copper Art SV

PVC-P



Synthetic membrane made from PVC-P for Copper Art finishes, dimensionally stabilised with glass fibre. Produced by subsequent coatings of a polymeric compound with copper particles incorporated into the surface skins, giving the membrane the aesthetic characteristics of the metal itself. Resistant to UV rays, with CE marking compliant with Standard EN 13956.


CHARACTERISTICS	Copper Art SV 1.5mm
Dimensions m	1.65 x 20
Rolls per pallet - m ²	12 - 384
Top side colour	Copper
Bottom side colour	Copper
Intended use	

Silver Art Glossy SR

PVC-P



Silver Art synthetic membrane made from PVC-P for systems with mechanical fixing, reinforced with polyester mesh and surface-lacquered. Produced by subsequent coatings of a polymeric compound with aluminium particles incorporated into the surface skins, creating a special finish that resembles a flexible aluminium sheet. Resistant to UV rays, with CE marking compliant with Standard EN 13956.


CHARACTERISTICS	Silver Art Glossy SR 1.8mm
Dimensions m	1.60 x 20
Rolls per pallet - m ²	12 - 384
Top side colour	Aluminium
Bottom side colour	Aluminium
Intended use	

Silver Art Glossy SFc

PVC-P



Silver Art synthetic membrane made from PVC-P for total adhesion systems, dimensionally stabilised with glass fibre, lacquered on the surface and bonded on the bottom side with a non-woven geotextile. Produced by subsequent coatings of a polymeric compound with aluminium particles incorporated into the surface skins, giving the membrane the aesthetic characteristics of the metal itself. Resistant to UV rays, with CE marking compliant with Standard EN 13956.


CHARACTERISTICS	Silver Art Glossy SFc 1.8mm
Dimensions m	1.65 x 20
Rolls per pallet - m ²	12 - 396
Top side colour	Aluminium
Bottom side colour	Aluminium
Bottom side finish	Non-woven geotextile
Intended use	

Silver Art Glossy SRF

PVC-P



Silver Art synthetic membrane made from PVC-P for systems with mechanical fixing, reinforced with polyester mesh, lacquered on the surface and bonded on the bottom side with a non-woven polyester geotextile. Produced by subsequent coatings of a polymeric compound with aluminium particles incorporated into the surface skins to create the special effect, which is stable over time. Resistant to UV rays, with CE marking compliant with Standard EN 13956.


CHARACTERISTICS	Silver Art Glossy SRF 1.8mm
Dimensions m	1.60 x 20
Rolls per pallet - m ²	12 - 384
Top side colour	Aluminium
Bottom side colour	Aluminium
Bottom side finish	Non-woven geotextile
Intended use	

Silver Art Glossy SV

PVC-P



Silver Art synthetic membrane made from PVC-P for Silver Art finishes, dimensionally stabilised with glass fibre and lacquered on the surface. Produced by subsequent coatings of a polymeric compound with aluminium particles incorporated into the surface skins, creating a special finish that resembles a flexible aluminium sheet. Resistant to UV rays, with CE marking compliant with Standard EN 13956.

CHARACTERISTICS	Silver Art Glossy SV 1.5mm
Dimensions m	1.65 x 20
Rolls per pallet - m ²	12 - 384
Top side colour	Aluminium
Bottom side colour	Aluminium
Intended use	

Flagon BSL

PVC-P



Synthetic membrane made from homogeneous PVC-P, obtained by coextrusion, not resistant to UV rays. The top and bottom sides are different coloured to allow the creation of the signal layer system. Product with CE marking compliant with standard EN 13491 and EN 13967

CHARACTERISTICS	Flagon BSL 1.5 mm	Flagon BSL 2.0 mm
Dimensions m	2.10 x 20	2.10 x 20
Rolls per pallet - m ²	23 - 966	18 - 756
Top side colour	Light green	Light green
Bottom side colour	Dark grey	Dark grey
Intended use		

Flagon BT/I

PVC-P



Synthetic membrane in homogeneous PVC-P, transparent, obtained by coextrusion, not resistant to UV rays. Product with CE marking compliant with standard EN 13491 and EN 13967.

CHARACTERISTICS	Flagon BT/I 1.5 mm	Flagon BT/I 2.0 mm	Flagon BT/I 3.0 mm
Dimensions m	2.10x20	2.10x20	2.10x20
Rolls per pallet - m ²	23 - 966	18 - 756	14 - 588
Top side colour	Transparent	Transparent	Transparent
Bottom side colour	Transparent	Transparent	Transparent
Intended use			

Flagon BT/ST

PVC-P


Synthetic membrane in homogeneous PVC-P, transparent, obtained by coextrusion, not resistant to UV rays. With embossed surface for application in vacuum systems. Product with CE marking compliant with standard EN 13491 and EN 13967.



CHARACTERISTICS	Flagon BT/ST 2.0 mm	Flagon BT/ST 2.4 mm
Dimensions m	1.95x20	1.95x20
Rolls per pallet - m ²	18 - 702	14 - 546
Top side colour	Transparent	Transparent
Bottom side colour	Transparent	Transparent
Intended use		

Flagon PM-SL

TPO

Synthetic membrane made from modified flexible polyolefin TPO, homogeneous, not resistant to UV rays. The top and bottom sides are different coloured to allow the creation of the signal layer system. Product with CE marking compliant with standard EN 13491.

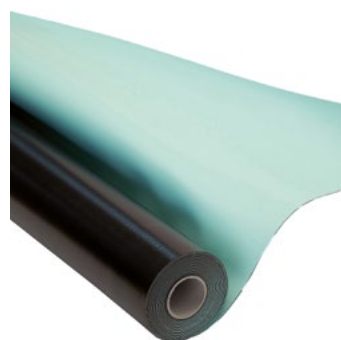




CHARACTERISTICS	Flagon PM-SL 2.0 mm
Dimensions m	2.10 x 20
Rolls per pallet - m ²	18 - 756
Top side colour	Green
Bottom side colour	Black
Intended use	 

Flagon P

TPO

Synthetic membrane, made from modified flexible polyolefin TPO, obtained by coextrusion, dimensionally stabilised with glass fibre, not resistant to UV rays. The top and bottom sides are different coloured to allow the creation of the signal layer system. Product with CE marking compliant with standard EN 13491 and EN 13967.



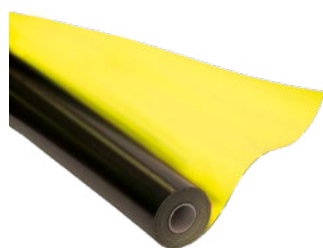
CHARACTERISTICS	Flagon P 2.0 mm	Flagon P 3.0 mm
Dimensions m	2.10x20	2.10x20
Rolls per pallet - m ²	18 - 756	11 - 462
Top side colour	Light green	Light green
Bottom side colour	Black	Black
Intended use	 	



MEMBRANES FOR SPECIAL APPLICATIONS

Flagon RP

PVC-P

Synthetic membrane in homogeneous PVC-P, obtained by coextrusion. The top and bottom sides are different coloured to allow the creation of the signal layer system. Membraned used as Anti-Radon barrier. Product with CE marking compliant with standard EN 13491 and EN 13967.

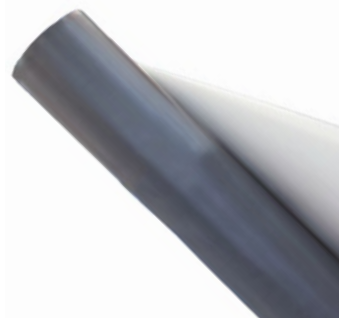


CHARACTERISTICS	Flagon RP 1.5 mm	Flagon RP 2.0 mm
Dimensions m	2.10x20	2.10x20
Rolls per pallet - m ²	23 - 966	18 - 756
Top side colour	Yellow	Yellow
Bottom side colour	Black	Black
Intended use	 	

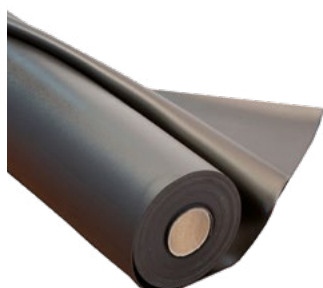
Flagon CSL

PVC-P

Synthetic membrane in PVC-P, obtained by coextrusion, homogeneous, resistant to UV rays. The top and bottom sides are different coloured to allow the creation of the signal layer system. Product with CE marking compliant with standards EN 13361, EN 13362, EN 13492.



CHARACTERISTICS	Flagon CSL 1.5 mm	Flagon CSL 1.8 mm	Flagon CSL 2.0 mm
Dimensions m	2.10x20	2.10x20	2.10x20
Rolls per pallet - m ²	23 - 966	18 - 756	18 - 756
Top side colour	Light grey	Light grey	Light grey
Bottom side colour	Dark grey	Dark grey	Dark grey
Intended use			



Flagon CS

PVC-P

Synthetic membrane in PVC-P, obtained by coextrusion, homogeneous. It is highly resistant against attacks by micro-organisms and roots. Not resistant to UV rays. Product with CE marking compliant with standards EN 13361, EN 13362, EN 13956, EN 13967.

CHARACTERISTICS	Flagon CS 1.5 mm	Flagon CS 1.8 mm	Flagon CS 2.0 mm
Dimensions m	2.10x20	2.10x20	2.10x20
Rolls per pallet - m ²	23 - 966	18 - 756	18 - 756
Top side colour	Dark grey	Dark grey	Dark grey
Bottom side colour	Black	Black	Black
Intended use			



Flagon GEO P

TPO

Synthetic membrane in modified flexible polyolefin TPO, obtained by coextrusion, dimensionally stabilised with glass fibre, resistant to UV rays. The top and bottom sides are different coloured to allow the creation of the signal layer system. Product with CE marking compliant with standards EN 13492*, EN 13361 and EN 13362.

CHARACTERISTICS	Flagon GEO P 1.5 mm	Flagon GEO P 1.8 mm	Flagon GEO P 2.0 mm
Dimensions m	2.10x20	2.10x20	2.10x20
Rolls per pallet - m ²	23 - 966	18 - 756	18 - 756
Top side colour	Light green	Light green	Light green
Bottom side colour	Black	Black	Black
Intended use			


*For the authorised fields of application, contact the Soprema technical department.

Flagon AT

PVC-P

Synthetic membrane made from PVC-P, obtained by coextrusion, resistant to UV rays, homogeneous, white coloured. Certified for contact with drinking water**. Product with CE marking compliant with standards EN 13361, EN 13362. Available on request in a special dark grey colour (RAL 7037) for waterproofing fish tanks





CHARACTERISTICS	Flagon AT 1.5 mm	Flagon AT 2.0 mm
Dimensions m	2.10x20	2.10x20
Rolls per pallet - m ²	23 - 966	14 - 588
Top side colour	White	White
Bottom side colour	White	White
Intended use		

Flagon SR/AT

PVC-P

Synthetic membrane made from PVC-P, obtained by coextrusion, resistant to UV rays, reinforced with polyester mesh. Certified for contact with drinking water**. Product with CE marking compliant with standards EN 13956, EN 13361, EN 13362.




CHARACTERISTICS	Flagon SR/AT 1.5 mm	Flagon SR/AT 1.8 mm
Dimensions m	1.60x20	1.60x20
Rolls per pallet - m ²	23 - 966	23 - 966
Top side colour	Light grey	Light grey
Bottom side colour	Dark grey	Dark grey
Intended use	 	

Flagon GEO P/AT

TPO

Synthetic membrane in modified flexible polyolefin TPO, obtained by coextrusion, with single layer, dimensionally stabilised with glass fibre, resistant to UV rays. Certified for contact with drinking water**. Product with CE marking compliant with standards EN 13361, EN 13362.



CHARACTERISTICS	Flagon GEO P/AT 1.5 mm	Flagon GEO P/AT 1.8 mm	Flagon GEO P/AT 2.0 mm
Dimensions m	2.10x20	2.10x20	2.10x20
Rolls per pallet - m ²	23 - 966	18 - 756	18 - 756
Top side colour	Light green	Light green	Light green
Bottom side colour	Black	Black	Black
Intended use	 		

Flagon E

PVC-P

Synthetic membrane in homogeneous PVC-P, obtained by coextrusion, highly resistant to micro-organisms and resistant to UV rays. Product with CE marking compliant with standards EN 13361, EN 13492*.



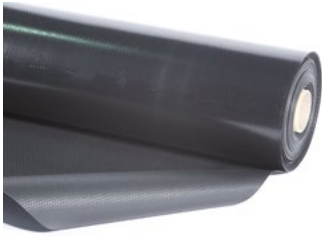
CHARACTERISTICS	Flagon E 1.5 mm	Flagon E 2.0 mm
Dimensions m	2.10x20	2.10x20
Rolls per pallet - m ²	23 - 966	18 - 756
Top side colour	Dark grey	Dark grey
Bottom side colour	Dark grey	Dark grey
Intended use		


*For the authorised fields of application, contact the Soprema technical department.

Flagon PVC PZ

PVC-P

Synthetic protective membrane in PVC-P, homogeneous, obtained by coextrusion, not resistant to UV rays.



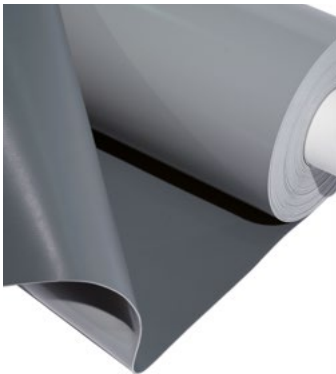
CHARACTERISTICS	Flagon PVC PZ 1.5 mm	Flagon PVC PZ 2.0 mm
Dimensions m	2.10x20	2.10x20
Rolls per pallet - m ²	23 - 966	18 - 756
Top side colour	Black	Black
Bottom side colour	Black	Black
Intended use		

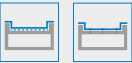
Flagon PVC Walkway

PVC-P

Synthetic protective membrane in PVC-P for walkable areas on roofing in PVC-P, dimensionally stabilised with glass fibre, resistant to UV rays.

The top side is embossed to make the membrane non-slip.



CHARACTERISTICS	Flagon PVC Walkway 1.8 mm
Dimensions m	1.50x20
Rolls per pallet - m ²	12 - 360
Top side colour	Dark grey
Bottom side colour	Dark grey
Intended use	

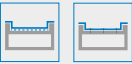
Flagon PVC Walkway Supergrip

PVC-P

Synthetic membrane in PVC-P with embossed finish and high non-slip and protective performance. Resistant to UV rays, with high mechanical and puncture resistance.

Tested for slip resistance, according to BS 7976-2 104/40.2 and DIN 51130 R10

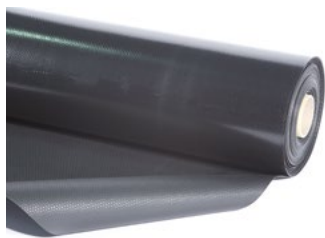




CHARACTERISTICS	Flagon PVC Walkway Supergrip 4.0 mm
Dimensions m	0.76x15
Top side colour	Grey
Bottom side colour	Grey
Intended use	

Flagon TPO PZ

TPO

Synthetic membrane in modified polyolefin TPO, homogeneous, obtained by coextrusion, not resistant to UV rays.



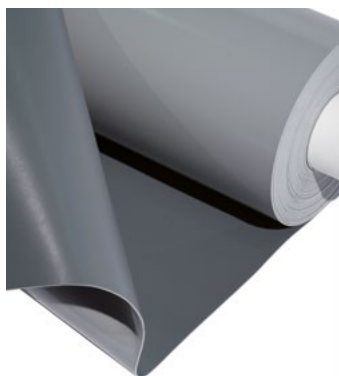
CHARACTERISTICS	Flagon TPO PZ 2.0 mm
Dimensions m	2.10x20
Rolls per pallet - m ²	18 - 756
Top side colour	Black
Bottom side colour	Black
Intended use	 



Flagon TPO Walkway

TPO

Synthetic membrane in modified polyolefin TPO, for protection of walkable areas on roofing in TPO. Dimensionally stabilised with glass fibre. Resistant to UV rays.

The top side is embossed to make the membrane non-slip.



CHARACTERISTICS	Flagon TPO Walkway 1.8 mm
Dimensions m	1.00x20
Rolls per pallet - m ²	23 - 460
Top side colour	Black
Bottom side colour	Black
Intended use	 


Flagon TPO Walkway Supergrip

TPO

Synthetic membrane in modified polyolefin TPO with embossed finish and high non-slip and protective performance. Resistant to UV rays, with high mechanical and puncture resistance.

Tested for slip resistance, according to BS 7976-2 104/40.2 and DIN 51130 R10



CHARACTERISTICS	Flagon TPO Walkway Supergrip 3.9 mm
Dimensions m	0.76x15
Top side colour	Grey
Bottom side colour	Grey
Intended use	 



Flagon TS

Single layer synthetic membrane in PVC-P obtained by coating, bonded with 120 g/m² non-woven felt. Rot-proof, with good mechanical resistance and weldable with hot air. Not resistant to UV rays.

Flagon TS

Thickness: 1.4 mm
Dimensions: 1.55 m x 20 m
Rolls per pallet: 30 - 930 m²



Sopravap Stick Eco FR

Self-adhesive vapour barrier. Forms a protective shield against the migration of aqueous vapour.

Sopravap Stick Eco FR

Dimensions: 1.40x100



Vapobac

Vapour barrier for full, macro-perforated or perforated corrugated sheets. VAPOBAC is comprised of a 60-gram glass fibre tissue bonded to an aluminium sheet with thickness 0.04 mm.

Vapobac

Dimensions: 2.10x20



Sopravoile 120

Non-woven glass fibre tissue. SOPRAVOILE 120 is used as a separation layer between the waterproofing system and the thermal insulation panel, and as a protective layer.

Sopravoile 120

Dimensions: 2.00x100



Stratec II

Multipurpose synthetic breathable layer with high permeability to aqueous vapour. Comprised of a non-woven polypropylene film. With high tear resistance.

Stratec II

Length: 50x1.50 (75 m²)
Weight: 12 kg (148 g/m²)
Rolls per pallet: 20

Accessory products for synthetic membranes



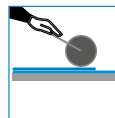
Flag Top Coat Maintenance

Special coating for maintenance of TPO and PVC synthetic membranes of non-recent application. It has anti-algae and anti-mould properties, and is distinguished by the fact that its innate elasticity is maintained at both low and high temperatures. It is characterised by a UV ray protection and filtration system.

Net contents/No.Packs

15 L / 12 kg approx. / Grey 7047 / 33 packs per pallet
15 L / 12 kg approx. / Green 6011 / 33 packs per pallet

Available in other colours on request







Flexocol A 89

Polyurethane adhesive material, single component, medium-low viscosity liquid, hygro-hardening, with controlled expansion. The adhesive FLEXOCOL A89 is used to adhere FLAGON TPO or FLAGON PVC waterproofing membranes bonded to geotextile on horizontal surfaces.

Contents of pack

12 kg - 10 litres



Flexocol V

Elastomeric adhesive material in solvent solution, single component, low-viscosity liquid. FLEXOCOL V is used for the contact adhesion of FLAGON PVC waterproofing membranes on vertical surfaces.

Contents of pack

8.5 kg - 10 litres

17 kg - 20 litres



Flexocol TPO

Single component solvent-based adhesive material. The adhesive FLEXOCOL TPO is used for the contact adhesion of FLAGON TPO waterproofing membranes on vertical surfaces.

Contents of pack

4.5 kg - 6 litres



Flexo Stick Primer

Adhesion promoter for application in self-adhesive systems with FLAGON PREMIO STICK DE synthetic membrane.

Contents of pack

20 kg - 16 cans per full pallet
Clear light yellow colour



Pre-drilled bar

PRE-DRILLED BAR in hot galvanised sheet metal with drilled holes every 25 mm. It is used to mechanically fix the waterproofing membrane in PVC or TPO on the roof, as a perimeter fixing element and for protruding elements.

Contents of pack

Length: 2 m
Thickness: 1.2 mm
No. pieces: 10

Accessory products for synthetic membranes



Flagofil PVC and TPO

Blue or white tear-resistant cord in PVC-P and green or orange in TPO. It is applied in roof waterproofing systems made with FLAGON PVC and FLAGON TPO synthetic membranes, as a contrast cord along the pre-drilled bars.

Dimensions

Flagofil PVC
Length: 200 m

Flagofil TPO
Length: 200 m

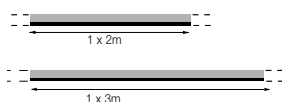


FLAG puncture-resistant joint

Protection element to be applied on the top of the pre-drilled bar. Protects the waterproofing membrane against possible punctures by the corners of the pre-drilled bar.

Dimensions/Contents of pack

Length: 10 cm
Pieces per pack: 50



Sheet metal with visible side in PVC/TPO

Made in galvanised steel bonded to a FLAGON PVC/TPO membrane, and used to create press-folded flashings or custom profiles to be used on roofs as finishing elements in waterproofing systems made with FLAGON PVC*/TPO synthetic membranes. Also available in the Energy Plus version.

Dimensions

1.00x2.00
1.00x3.00

*Available in Copper Art and Silver Art version



Perimeter profile

Made in galvanised steel bonded to a FLAGON membrane in PVC or TPO, it is used on roofs as a finishing element in waterproofing systems made with FLAGON synthetic membranes. Resistant to weathering and UV rays. Also available in the Energy Plus version.

Contents of pack

Flagon PVC
Length: 2 m / 3 m
Pieces per pack: 10

Flagon TPO
Length: 2 m / 3 m
Pieces per pack: 10



Wall profile

Made in galvanised steel bonded to a FLAGON membrane in PVC or TPO, it is used on roofs as a finishing element for vertical closures in waterproofing systems made with FLAGON synthetic membranes. Resistant to weathering and UV rays. Also available in the Energy Plus version.

Contents of pack

Flagon PVC
Length: 3 m
Pieces per pack: 10

Flagon TPO
Length: 3 m
Pieces per pack: 10

Accessory products for synthetic membranes

Fixing plate



Made in galvanised steel bonded to a FLAGON membrane in PVC or TPO, it is used on roofs as a fixing element for under-cap vertical closures in waterproofing systems in FLAGON PVC or FLAGON TPO. Resistant to weathering and UV rays. Also available in the Energy Plus version.

Contents of pack

Flagon PVC
Length: 2 m
Pieces per pack: 10

Flagon TPO
Length: 2 m
Pieces per pack: 10



Corner 90° 145 in PVC and TPO

Prefabricated internal or external corners, obtained by moulding, in FLAGON PVC or FLAGON TPO. Used in roof waterproofing systems with FLAGON PVC or FLAGON TPO synthetic membranes. Resistant to weathering and UV rays. Also available in the Energy Plus version.

Height 145 mm.

Contents of pack

Internal corner in PVC, 20 pcs per box
External corner in PVC, 20 pcs per box

Internal corner in TPO, 20 pcs per box
External corner in TPO, 20 pcs per box



Corner 90° 95 in PVC and TPO

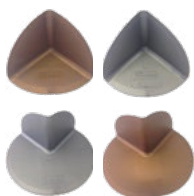
Prefabricated internal or external corners obtained by moulding in FLAGON PVC or FLAGON TPO. Used in roof waterproofing systems with FLAGON PVC or FLAGON TPO synthetic membranes. Resistant to weathering and UV rays. Also available in the Energy Plus version.

Height 95 mm.

Contents of pack

Internal corner in PVC, 20 pcs per box
External corner in PVC, 20 pcs per box

Internal corner in TPO, 20 pcs per box
External corner in TPO, 20 pcs per box



Corner 90° 95 in Copper art/Silver art

Prefabricated internal or external Copper Art and Silver Art corners, obtained by moulding, made from PVC. Used in roof waterproofing systems with Copper Art and Silver Art membranes. Resistant to weathering and UV rays.

Height 95 mm.

Contents of pack

Internal Copper Art corner, 20 pcs per box
External Copper Art corner, 20 pcs per box

Internal Silver Art corner, 20 pcs per box
External Silver Art corner, 20 pcs per box



Universal cone corner in PVC and TPO

Prefabricated internal corners, obtained by moulding, made from FLAGON PVC or FLAGON TPO. Used in roof waterproofing systems with FLAGON PVC or FLAGON TPO synthetic membranes. Resistant to weathering and UV rays. Also available in the Energy Plus version.

Contents of pack

Diameter: 180 mm
Pieces per pack: 20

Accessory products for synthetic membranes



Universal wave corner in PVC and TPO

Prefabricated internal corners, obtained by moulding, in FLAGON PVC or FLAGON TPO. Used in roof waterproofing systems with FLAGON PVC or FLAGON TPO synthetic membranes. Resistant to weathering and UV rays. Also available in the Energy Plus version.

Contents of pack

Diameter: 220 mm
Pieces per pack: 20



Decor Profile

Prefabricated pyramid-shaped element obtained by moulding in PVC/TPO. Used in roof waterproofing systems made with FLAGON PVC, FLAGON TPO, Copper Art and Silver Art synthetic membranes. Resistant to weathering and UV rays.

Dimensions/pack

Flagon PVC*
Length: 3 metres
Pieces per pack: 10

Flagon TPO**
Length: 3 metres
Pieces per pack: 10

Copper Art / Silver Art
Length: 3 metres
Pieces per pack: 10

*Available in RAL 7012 and 6021
** Available in RAL 7012



Anti-backflow union in PVC and TPO

Prefabricated element obtained by moulding and made in FLAGON PVC or FLAGON TPO. It is welded with a Leister hot air torch along the entire perimeter of the flange on the underlying FLAGON PVC or FLAGON TPO sealing element. Resistant to weathering and UV rays.

Diameter/Length

Ø 40-60:	B = 235 mm H 240 mm
Ø 75-80-90:	B = 320 mm H 240 mm
Ø 100-110-125:	B = 320 mm H 240 mm
Ø 140-150-160:	B = 386 mm H 240 mm
Ø 200:	B = 444 mm H 240 mm

Pieces per pack: 10



Draini Flag PVC and TPO straight Alu

Union for rainwater drain for waterproofed roofs/terraces. It is comprised of a synthetic membrane applied to an aluminium pipe by means of a patented system.

Diameter/Length

Ø 63-85-95-120-145-155-195 / 600 mm



Draini Flag PVC and TPO Truncated cone Alu

Union for rainwater drain for waterproofed roofs/terraces. It is comprised of a synthetic membrane applied to an aluminium pipe by means of a patented system.

Diameter/Length

Diameter mm:
80/160, 95/190, 120/240, 145/290, 195/300

Length mm: 600

Accessory products for synthetic membranes



Gravel guard with universal rod

Gravel guard in moulded HDPE, used on gravel ballasted roofs. Resistant to weathering and UV rays.

Contents of pack

Pieces per pack: 10



Universal gravel guard

Gravel guard in moulded HDPE, used on roofs. Resistant to weathering and UV rays.

Contents of pack

Pieces per pack: 10



Conical fitting in PVC and TPO

Prefabricated element, obtained by moulding, in FLAGON PVC or in FLAGON TPO. Resistant to weathering and UV rays.

Contents of pack

Pieces per pack: 10



Angular circular drain in PVC and TPO

Prefabricated element, obtained by moulding, in FLAGON PVC or FLAGON TPO. Resistant to weathering and UV rays. Excellent weldability with FLAGON PVC and FLAGON TPO membranes.

Diameter/Length

Ø 63: H 175 mm
Ø 75: H 175 mm
Ø 90: H 175 mm
Ø 110: H 210 mm

Pieces per pack: 10



Angular drain in PVC and TPO

Prefabricated element, obtained by moulding, in FLAGON PVC or FLAGON TPO. Resistant to weathering and UV rays. Excellent weldability to FLAGON PVC and FLAGON TPO membranes.

Contents of pack

Angular pipe dimensions:
65x100 mm
100x100 mm

Pieces per pack: 10

Accessory products for synthetic membranes



Angular drain fitting

Element in moulded HDPE. It is used in combination with angular drains made in FLAGON PVC or FLAGON TPO to connect these to the vertical drain pipes. Resistant to weathering and UV rays.

Contents of pack

Dimensions:
65x100 mm
100x100 mm

Pieces per pack: 10



Angular drain leaf guard

Element in moulded HDPE installed on the drain union or inlet. Press-fitted into the rainwater drain pipe, it creates a barrier to leaves, preventing these from falling into the pipes. Resistant to weathering and UV rays.

Contents of pack

Pieces per pack: 10



Flagon PVC and TPO fitting for circular through-elements

Prefabricated element obtained by moulding and made in FLAGON PVC or FLAGON TPO. Resistant to weathering and UV rays, excellent weldability to FLAGON PVC or FLAGON TPO membranes.

Contents of pack

h 250 mm	Ø 1:18	Ø 2:36	Ø 3:236
h 250 mm	Ø 1:28	Ø 2:46	Ø 3:246
h 400 mm	Ø 1:80	Ø 2:83	Ø 3:276
h 400 mm	Ø 1:110	Ø 2:113	Ø 3:312

Pieces per pack: 10



Vapour vent PVC and TPO

Prefabricated element obtained by moulding and made in FLAGON PVC or FLAGON TPO. They are used in roof waterproofing systems developed with FLAGON PVC or FLAGON TPO synthetic membranes. Resistant to weathering and UV rays, excellent weldability to FLAGON PVC or FLAGON TPO membranes.

Contents of pack

h 160 mm	Ø 1:390	Ø 2:125	Ø 3:73
h 240 mm	Ø 1:320	Ø 2:75	Ø 3:73
h 400 mm	Ø 1:390	Ø 2:125	Ø 3:73

Pieces per pack: 10



Vent cover

Element in moulded HDPE, used in combination with vent vapours made in FLAGON PVC or FLAGON TPO. Available in two models: STANDARD and ESTRAER. Resistant to weathering and UV rays.

Contents of pack

Pieces per pack: 10

Accessory products for synthetic membranes



Circular fitting in PVC and TPO

Prefabricated element obtained by moulding, made in FLAGON PVC or FLAGON TPO. It is used on roofs to give continuity to the waterproofing system around elements protruding from the roof. Resistant to weathering and UV rays. Excellent weldability.

Contents of pack

h 60 mm	Ø 1:154	Ø 2:30
h 60 mm	Ø 1:154	Ø 2:40
h 60 mm	Ø 1:194	Ø 2:60
h 60 mm	Ø 1:194	Ø 2:80
h 90 mm	Ø 1:234	Ø 2:100
h 90 mm	Ø 1:234	Ø 2:120
h 90 mm	Ø 1:274	Ø 2:140
h 90 mm	Ø 1:274	Ø 2:160

Pieces per pack: 10



Through-element fitting PVC and TPO

Prefabricated element obtained by moulding, made in FLAGON PVC or FLAGON TPO. The presence of different cross-sectional diameters allows the fitting, once cut to size, to be best adapted to the diameter of the protruding element. Resistant to weathering and UV rays. Excellent weldability.

Contents of pack

Pieces per pack: 10



Fixing washer

Discs in PVC-P or TPO with central recess to host the washer of the fixing nut. The bottom side of the washer has ribbing to guarantee good adhesion to the substrate.

Contents of pack

Flagon PVC
Diameter: 80 mm
Pieces per pack: 100

Flagon TPO
Diameter: 90 mm
Pieces per pack: 100

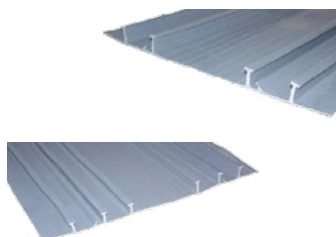


Injection pipette in PVC and TPO

Element in PVC or TPO with a circular flange for welding on waterproofing membranes in PVC or TPO, and a small tube to attach injection fittings and pipes to inject resins or withdraw air.

Contents of pack

Pieces per pack: 10



Compartmentalisation joint

The W4 compartmentalisation joint is a flexible element characterised by four feet and two wings.

The W6 compartmentalisation joint is a flexible element characterised by six feet and two wings. Available in PVC-P and TPO.

Contents of pack

Length: 25 m

Accessory products for synthetic membranes



Soprasolar Fix Evo PVC / TPO

Adjustable pedestal made of fibreglass-reinforced polyamide. Patented system that provides fixed supports in all cases where photovoltaic panels need to be placed level.



High lift

To join **Soprasolar® Fix Evo Tilt** pedestals to photovoltaic modules creating a 10° tilt angle. They should be used by combining them with lift locks.



Low lift

To join **Soprasolar® Fix Evo Tilt** pedestals to photovoltaic modules creating a 10° tilt angle. They should be used by combining them with lift locks.



Lift lock

Used to lock the lifts on top of the pedestals.



Universal bracket

Kit containing a waterproof nut, intermediate support brackets, M8 screws, with notched surface on the underside.

Accessory products

Accessories for special foundation systems

- 10 mm injection pipe
- Clip for vacuum
- 10x10 cm junction box
- Predimax Pipe 11
- Predimax 19
- White terminal
- Red terminal
- Connector for Predimax 11
- Band for Predimax 19
- Plugs for Predimax

Laying accessories and equipment

- Leister Triac Pid AT 230V 1600W
- Leister Triac Pid 1550 W heating element
- Nozzle: 20 mm
- Nozzle: 40 mm
- Nozzle: 5 mm (A1)
- Nozzle for FLAGOFIL (A2)
- Nozzle (A1) + (A2)
- Brass roller
- Roller for FLAGON PVC 40 mm
- Roller for FLAGON PVC 80 mm
- Roller for FLAGON TPO 30 mm
- Cutter for bevels and crossings
- Carver for bevels and crossings
- Flag welding tester
- Trowel for Flexocol A 89
- FLAGON scissors
- Liester Varimat automatic welder
- Complete kit for pressure test
- Liester Twinny automatic welder



- Flag sealant with permanent elasticity - box of 12 units
- Double-sided tape: length 25 m
- Double-sided butyl tape: Thickness 2.00 mm - Width 10 mm - Length 25 m
- Flagon PVC paste Can 3 litres
- Flagon TPO paste Can 3 litres
- THF solvent Can 3 litres
- THF dispenser
- FLAGON PVC Cleaner - Can 3 litres
- FLAGON TPO Cleaner - Can 3 litres

HEAD OFFICE



Via Industriale dell'Isola, 3 - 24040 Chignolo d'Isola (Bergamo)



Tel. +39.035.095.10.11 | Fax +39.035.494.06.49



info@soprema.it

PRODUCTION PLANTS

Insulating Materials



Verolanuova (Brescia)
San Vito al Tagliamento (Pordenone)
Frigento (Avellino)



info.insulation@soprema.it

Synthetic Membranes



Chignolo d'Isola (Bergamo)
Villa Santo Stefano (Frosinone)



info@soprema.it

Polymer Bitumen Membranes & Waterproofing Liquid Products



Salgareda (Treviso)



novaglass@soprema.it



www.soprema.it

