

# Flagon SR/ST SC, Roof covering

Holder/Issued to

## Soprema NV

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### Product description

Flagon SR/ST SC is a PVC based single layer roof covering with a reinforcement of polyester. Thicknesses are 1,2 mm, 1,5 mm, 1,8 mm or 2,0 mm.

### Intended use

The membrane is designed as roof covering of new constructions and for renewal of old felt coverings. It's applied by mechanical fastening. Joints and seams are welded by means of hot air welding. When laid on old bituminous or PVC based coverings, an additional migration/separation layer shall be fitted, according to the associated documents.

### Trade name

Flagon SR/ST SC.

### Approval

The product has been found to meet the requirements in the following sections of Boverket Building Regulations (BBR):

Roof safety, general	8:241, third paragraph
Fire protection -	
Roof covering class B <sub>ROOF</sub> (t2)	5:62
Moisture, General	6:51
Moisture, Roofs and attic spaces	6:5325

The product has been assessed according to requirements in certification rule 001 and according to this rule the product fulfil waterproofing class **TKY-A-0234**. This means that the product is approved for application on the following substrates:

- Non-combustible substrate with density  $\geq 110 \text{ kg/m}^3$  and compressibility  $> 60 \text{ Pa}$  (EN 826).
- Combustible substrate with density  $\geq 510 \text{ kg/m}^3$ .
- Old roof covering on wooden underlay with density  $\geq 480 \text{ kg/m}^3$ .
- Lightweight concrete, concrete or foamglas.
- Old roof covering\* on mineral wool, wooden underlay, lightweight concrete, concrete or foam glass.

And for non-standard substrates:

- "Kingspan Therma TW55 R" (manufacturer Kingspan) PIR with core density 32 - 38  $\text{kg/m}^3$ , coated on both sides with an aluminum layer.

### Associated documents

Monteringshandbok FLAGON PVC, version CD0072.a-sv-SE.

Certificate no. SC0550-15 | 2019-01-30

RISE Research Institutes of Sweden AB | Certification  
Box 857, SE-501 15 Borås, Sverige  
Tel: +46 10-516 50 00  
[certifiering@ri.se](mailto:certifiering@ri.se) | [www.ri.se](http://www.ri.se)

2017-08-18



8P09823



## Control

The factory production control (FPC) is monitored by an independent inspection body.

Control agreement: 210-14-0266, Inspection body: RISE Research Institutes of Sweden and SGS INTRON Certificatie B.V.

When the building proprietor performs inspection at the building site, markings shall be checked to ensure that the correct products have been supplied and that they are used in accordance with the conditions in this approval and associated documents.

## Manufacturing place

Production control includes the following place:

Soprema S.r.l. Chignolo d'Isola (Bergamo), Italy.

## Marking

The product is to be marked at the factory. The marking consists of a label on every product supplied and includes:

Holder of certificate  
Manufacturing place  
P-mark  
Certification body  
Product type designation  
Certificate number  
Classification  
Dimensions  
Weight  
Consecutive manufacture no./date of production  
Inspection body

Soprema NV, Belgien  
Soprema S.r.l. Chignolo d'Isola, Italien  
RISE Certification  
Flagon SR/ST SC  
SC0550-15  
TKY-A-0234  
Length, width  
Weight/m<sup>2</sup>  
nr/date  
RISE and SGS INTRON

## Basis for judgement/approval

Report 5P09195, 5P09195-02-1 and 7F020553 from RISE Research Institutes of Sweden.

Report 0401-L-14/1, 0402-L-12/1 and 0249-T-08/1 from BDA.

Report DK490459 from SGS INTRON Certificatie B.V.

## Comments

Work with this product shall be carried out by authorized contractors with sufficient knowledge of this roofing system.

The associated documents for the building site shall be supplemented by construction drawings prepared for each building project on the basis of associated documents for design.

The supplementary construction drawings, the approval certificate and the appurtenant documents for building site shall be available on the building site during construction and inspections.

For installation on some specific substrates a separation layer shall be used, according to the associated documents.

When applied on soft substrates where pedestrian traffic and/or local loads can be expected instructions in the associated documents shall be followed.

In case of mechanical fastening, the fastening must be designed and a fastening plan shall be established and documented.

Wind load effects are to be determined according to Boverket mandatory provisions on application of the European construction standards (eurocodes), (EKS), Section C, and Chapter 1.1.4.; issued by the National Board of Housing, Building and Planning. Corrosion aspects and the substrates condition must be taken in consideration.

Certificate no. SC0550-15 | 2019-01-30

RISE Research Institutes of Sweden AB | Certification

**Validity**

Valid through 2022-11-19.

Linda Ring Thorén

Camilla Isaksson

*This is a translation from the Swedish original document. In the event of any dispute as to its content, the Swedish text shall take precedence.*