



防水材料

主要适用范围

屋面

# FLAGON SR

技术资料卡 CTDS-04-01-01

## 产品描述

FLAGON SR是具有识别层的聚酯网格增强型PVC-P合成卷材。卷材由通过UNI EN ISO 9001（质量管理体系）和UNI EN ISO 14001（环境管理体系）认证的工厂制造。由索普瑞玛公司核准授权的安装人员进行铺设，并使用由索普瑞玛公司生产或认可的配件。产品可能有助于获得LEED认证得分。

## 适用范围

- 屋面
  - 暴露屋面，机械固定系统
  - 屋顶花园高阳光反射屋面
  - 细部节点处理
  - 屋面维修工程
- 地下
  - 地下室底板
  - 地下室外墙
  - 车库顶板
  - 细部节点处理

## 施工方法

- 机械固定法（采用专用固定件，如金属垫片、螺钉、金属压条等，将 FLAGON SR 卷材机械固定在屋面基层或结构层上）
- 空铺法（将 FLAGON SR 卷材空铺于屋面基层上，在一定范围内用胶粘剂或固定件加强固定，并焊接为整体，然后根据实际需要，在上面铺设压铺层，利用防水层上部的压铺物来抵抗风荷载，压铺物包括人行走道、屋面板以及砾石、土壤等）
- 接缝处热风焊接形成连续整体的单层卷材防水屋面

## 产品信息

产品构成	检测方法	FLAGON SR			
厚度 (mm)	GB/T 328.5	1.2	1.5	1.8	2.0
宽度 (m)	-	1.6 / 2.1			
长度 (m)	-	20 / 25	20		
卷材上表面涂层厚度 (mm)	GB/T 328.5	≥0.4mm			
重量 (kg/m <sup>2</sup> )	UNI EN 1849-2	1.5	1.8	2.15	2.4
颜色	GB/T 328.5	白色			

(所有值为标称值)

产品性能	检测方法	FLAGON SR
最大拉力	GB/T 328.9	≥250N/cm
最大拉力时伸长率	GB/T 328.9	≥15%
梯形撕裂强度	GB/T 328.19	≥250N
抗冲击性	GB/T 20624.2	0.5kg.m, 不渗水
低温弯折性	GB/T 328.15	-25℃, 无裂纹
不透水性	GB/T 328.10	0.3Mpa下2小时, 不透水
热处理尺寸变化率	GB/T 328.13	≤0.5%

(所有值为标称值)





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## 产品信息

产品性能	检测方法	FLAGON SR
人工候化	GB/T 18244-2000	超过5500小时
抗静态穿刺	UNI EN 12730	≥ 20kg
接缝剥离强度	GB/T 328.21	≥ 3N/mm
耐根穿刺性能	UNI EN 13948	无穿透

(所有值为标称值)

## 标准与认证



# FLAGON SR

TECHNICAL DATA SHEET CTDS-04-01-01

## DESCRIPTION

**FLAGON SR** is PVC-P synthetic membrane reinforced with polyester mesh, with signal layer. Manufactured by coextrusion or cast process in a plant certified UNI EN ISO 9001 (Quality management system) and UNI EN ISO 14001 (environmental management system). Setting performed by applicators approved by Flag S.p.A. Finishing and accessories composed by elements produced and approved by Flag S.p.A. Products may contribute to LEED certification scores.

## AREA OF USE

- the roof
  - Exposed roof, mechanical fixing system
  - Roof garden, high sunlight reflecting roof
  - Detail node processing
  - Roof maintenance works
- underground
  - Basement floor
  - Basement wall
  - The garage roof
  - Detail node processing

## CONSTRUCTION METHOD

- mechanical fixation method (using special fasteners, such as metal gaskets, screws, metal bars, etc., to mechanically fix FLAGON SR membrane to the roof base or structural layer)
- loose freely ( loose LAGON SR on roof freely and within a certain range to use adhesive or fasteners fixed, and welding for whole. According to the actual needs, laid pressure layer above. Using the upper part of the waterproof layer pressure spread to resist wind load. Pressure spread including pedestrian walkways, roof panel and gravel, soil, etc.)
- hot air welding at joints to form a continuous integral single layer membrane waterproof roof

## PRODUCT DATA

Composition	Test Method	FLAGON SR			
Thickness(mm)	GB/T 328.5	1.2	1.5	1.8	2.0
Width(m)	-	1.6/2.1			
Length(m)	-	20/25	20		
Thickness of resin layer above the padding fabric (mm)	GB/T 328.5	≥0.4mm			
Weight (kg/m <sup>2</sup> )	UNI EN 1849-2	1.5	1.8	2.15	2.4
Colour	GB/T 328.5	white			

(All values are nominal)

Properties	Test Method	FLAGON SR
Maximum tension	GB/T 328.9	≥250N/cm
Elongation at maximum tension	GB/T 328.9	≥15%
Trapezoidal tear strength	GB/T 328.19	≥250N
Impact resistance	GB/T 20624.2	Watertight at 0.5 kg·m
Low temperature flexibility	GB/T 328.15	No cracking at - 25 °C
Watertightness	GB/T 328.10	Watertight for 2h at 0.3 MPa
Dimensional change after heat treatment	GB/T 328.13	≤0.5%

(All values are nominal)



WATERPROOFING

APPLICATIONS

ROOFING

# FLAGON SR

TECHNICAL DATA SHEET CTDS-04-01-01

## PRODUCT DATA

Properties	Test Method	FLAGON SR
Artificial climate accelerated aging	GB/T 18244-2000	> 5500h
Resistance to static loading	UNI EN 12730	≥20kg
Overlap peeling strength	GB/T 328.21	≥3N/mm
Root puncture resistance	UNI EN 13948	No penetration

(All values are nominal)

## STANDARDS AND CERTIFICATION

