

# COLPHENE 2500

技术资料卡 CTDS-03-03-02

## 产品描述

COLPHENE 2500 是一种高性能改性沥青自粘防水卷材, 其面层为具有卓越延伸性能的高密度聚乙烯合成膜, 同时卷材背面覆有可移除的硅隔离膜。在卷材应用过程中, 不建议长期暴露使用。产品满足GB 23441标准的要求。

## 适用范围

- 屋面以及墙面
- 地基以及其他地下立墙表面

## 施工方法

COLPHENE 2500 需铺设在经过处理的基面上:

- 基层需干燥、干净
- 建议使用专用基层处理剂 **ELASTOCOL STICK**
- 当基层处理剂干燥以后, 展开基层卷材并切割成需要的尺寸
- 在粘铺卷材时, 应随时注意与基准线对齐, 以免出现偏差难以纠正。卷材铺贴时, 卷材不得用力拉伸。粘贴后, 随即用压辊从卷材中部向两侧滚压, 排出空气, 使卷材牢固粘贴在基层上, 卷材背面搭接部位的隔离纸不要过早揭掉, 以免污染粘胶层或误粘。
- 建议施工环境温度 10℃以上
- 卷材搭接按照规范执行  $\geq 80\text{mm}$

## 健康与环境

本产品不含有任何可能有害健康或者环境的物质。并且符合普遍公认的健康标准以及材料安全资料卡(MSDS)。

## 质量控制

索普瑞玛历来将质量控制作为首要任务, 由于这个原因, 我们建立的是一个经过国际公认的质量体系, 符合 ISO 9001 以及 ISO 14001 标准的、独立的监控要求和认证。

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## 产品信息

产品参数	检测方法	COLPHENE 2500
厚度	-	1.5mm
重量	-	1.5kg/m <sup>2</sup>
尺寸	-	1 × 20m
上表面	-	HDPE膜
下表面	-	可移除的硅隔离膜

(所有值为标称值)

产品性能	检测方法	COLPHENE 2500
拉力	GB/T 328.9-2007	≥ 150 N/50mm
极限拉力下的延伸率	GB/T 328.9-2007	≥ 200%
沥青断裂延伸率	GB/T 328.9-2007	≥ 250%
钉杆撕裂强度	GB/T 328.18-2007	≥ 60N
低温弯折性	GB/T 328.14-2007	-20℃
不透水性, 120分钟	GB/T 328.10-2007	0.2Mpa
钉杆水密性	GB 23441-2009	通过

(所有值为标称值)

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## DESCRIPTION

**COLPHENE 2500** is a high-performance self-adhesive flexible SBS elastomeric bitumen waterproofing membrane with superior elongation property HDPE film on the topside and siliconized bottom surface as release liner. Long-term exposure is not recommended during the application. Product meets GB 23441 standard.

## APPLICATION

- Roof and wall
- Foundation and others below grade vertical surfaces

## INSTALLATION

COLPHENE 2500 must be applied directly onto treated surfaces:

- Clean and dry surface.
- It is recommended to use a special primer **ELASTOCOL STICK**.
- Once dry, put roll into place and set it to the appropriate size.
- When installing the membrane, we should always pay attention to the alignment with the base line. Don't stretch the membrane hard when the coils are laid. After pasting, using a roller to press the membrane from the center to the sides to vent the air, so that the membrane is firmly pasted on the base. In order to avoid the pollution of adhesive layer and mismatch, the removable plastic film should not be removed too early.
- It is recommended that the temperature of the construction environment is above 10 degrees centigrade.
- Overlap width according to local code  $\geq 80$ mm.

## HEALTH AND ENVIRONMENT

This product does not contain any substance that might be detrimental to health or to the environment and complies with generally accepted health standards and Material Safety Data Sheet (MSDS).

## QUALITY CONTROL

**SOPREMA** has always attached the highest importance to quality control. For this reason, we operate an internationally recognized quality system meeting ISO 9001 & ISO 14001 standards, independently monitored and certified.

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## PRODUCT DATA

Composition	Test Method	COLPHENE 2500
Thickness	-	1.5mm
Nominal weight	-	1.5kg/m <sup>2</sup>
Dimension	-	1 × 20m
Top face	-	HDPE film
Under face	-	Silicone-coated removable plastic film

(All values are nominal)

Properties	Test Method	COLPHENE 2500
Tension	GB/T 328.9-2007	≥150 N/50mm
Elongation at maximum tension	GB/T 328.9-2007	≥200%
Elongation percentage bitumen at repture	GB/T 328.9-2007	≥250%
Tear strength of srew rod	GB/T 328.18-2007	≥60N
Low temperature flexibility	GB/T 328.14-2007	-20°C
Imperviousness, 120 minutes	GB/T 328.10-2007	0.2Mpa
Water tightness of screw rod	GB 23441-2009	Passed

(All values are nominal)