

# COLPHENE 1500

技术资料卡 CTDS-03-01-01

## 产品描述

**COLPHENE 1500** 是面层具有耐根穿刺聚乙烯合成膜的改性沥青自粘防水卷材. 背面覆有可移除的硅隔离膜. 卷材符合GB 23441以及EN 13969标准。

## 适用范围

- 屋面  
混凝土、金属、木质基层
- 地基以及其他地下立墙表面
- 密闭墙或屋顶维修
- 浴室防水, 阳台, 凉廊

## 施工方法

- 自粘法
- **COLPHENE 1500** 需铺设在经过处理的基面上
- 使基层干燥、干净
- 如果需要的话, 使用刷子或滚子涂刷基层处理剂
- 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
- 用力拉开卷材并使表面平整以避免空气进入
- 10℃以上是理想的铺设温度
- 卷材搭接按照规范执行

## 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, 我们经营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、独立的监控和认证。

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## 产品信息

产品构成	检测方法	COLPHENE 1500
厚度	-	1.5mm
重量	-	1.5kg/m <sup>2</sup>
尺寸	-	1 × 20m
上表面	-	耐根穿刺聚乙烯复合膜
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 1500
拉力	GB/T 328.9	≥ 150N/5cm
延伸率	GB/T 328.9	≥ 30%
钉杆撕裂强度	GB/T 328.18	≥ 30N
不透水性	GB/T 328.10	0.2Mpa, 120min 不透水
抗冲击性	EN 12691	500mm
抗静态穿刺	EN 12730	5kg
透湿性	EN 1931	0.3g/m <sup>2</sup> /24h
耐热性	GB 23441-2009 5.9.1	70 °C
塑性流动	CAN/CGSB-37.56-M, 9th draft	90 °C
低温弯折性 - 初始 - 80 °C 下 10 天	GB/T 328.14	-20 °C, 无裂缝 -18 °C, 无裂缝

(所有值为标称值)

# COLPHENE 1500

TECHNICAL DATA SHEET CTDS-03-01-01

## DESCRIPTION

**COLPHENE 1500** is a self-adhesive flexible SBS elastomeric bitumen waterproofing membrane with laminated, anti-root, polyethylene film on the topside. The self-adhesive bitumen on the underside is protected by a silicone release film. The membrane meets EN 13969 & GB 23441 standards.

## APPLICATION

- Foundation walls and others below grade vertical surfaces
- Airtight for walls or roofing repairs
- Waterproofing for bathrooms, balconies, loggias

## INSTALLATION

**COLPHENE 1500** must be applied directly onto treated surfaces:

- Brush and dry surface.
- If needed, cover the surface with a coat of primer using a brush or a roller.
- Once dry, put roll into place and set it to the appropriate size.
- Pull on sheet and lay it out while flattening the surface so as to avoid air getting trapped.
- Ideal laying temperature: + 10 °C.
- Overlap width according to local code.

## 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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TECHNICAL DATA SHEET CTDS-03-01-01

## PRODUCT DATA

Composition	Test Method	COLPHENE 1500
Thickness	-	1.5mm
Nominal weight	-	1.5kg/m <sup>2</sup>
Dimension	-	1 × 20m
Top face	-	Laminated, anti-root, polyethylene film
Under face	-	Silicone-coated removable plastic film

(All values are nominal)

Properties	Test Method	COLPHENE 1500
Tensile Strength	GB/T 328.9	≥150N/5cm
Elongation	GB/T 328.9	≥30%
Resistance to nail tearing	GB/T 328.18	≥30N
Watertightness	GB/T 328.10	0.2Mpa, 120min watertightness
Resistance to impact	EN 12691	500mm
Static puncture resistance	EN 12730	5kg
Water vapour transmission	EN 1931	0.3g/m <sup>2</sup> /24h
Thermostability	GB 23441-2009 5.9.1	70°C
Plastic flow	CAN/CGSB-37.56-M, 9th draft	90°C
Low temperature flexibility -Initial -10 days aging at 80°C	GB/T 328.14	No observed cracks at -20°C No observed cracks at -18°C

(All values are nominal)