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ALSAN FLASHING

耐紫外线通用型单组份弹性涂料

TECHNICAL DATA SHEET
REV Dec 22, 2015
(supersedes REV May 26, 2014)

描述

ALSAN FLASHING 是一种特殊高分子材料混合物, 其开桶于现场成膜固化后形成杂合聚(氨酯)弹性体(也可称为一种特殊的聚氨酯或高力学性能聚氨酯弹性体)。在基层材料上固化后具有高强度、高粘结性、高柔性的橡胶膜。其固化后可直接暴露于空气中使用, 无须保护层。其用于不常上人区域、钢结构屋面、水池、桥梁、地下工程等建筑防水工程中。

适用范围

- | | |
|---------------------|--------------------------------------|
| - 室外暴露型和长期浸水的建筑防水工程 | - 外墙外保温防水 |
| - 不常上人屋面防水 | - 细部防水 |
| - 桥梁防水 | - 幕墙防水 |
| - 复杂屋面防水 | - 水池防水 |
| - 钢结构屋面防水 | - 与SBS沥青卷材的搭接防水, 专用细部防水; 以及沥青表面的直接维修 |
| - 隧道及地下工程防水 | - 其它防水 |

施工注意事项

细部和基层处理完后。对于水平面应选用自流平型。可直接将 ALSAN FLASHING 倒于地面上。用带定位高度的齿形刮板刮平、刮匀。ALSAN FLASHING 可自动流平。然后使用专用滚筒滚压液体涂层, 消除空气泡。垂直面应选用非下垂型 ALSAN FLASHING, 其在一次涂布 1.0mm 以内时不会垂流。垂直面应用滚筒滚涂涂布。

1. 不得掺入水泥砂浆中混合使用
2. 不得在长期浸泡于有机溶剂的环境中使用
3. 不建议在基层表面和环境温度低于 + 5°C 或高于 + 40°C 施工
4. 不得在相对湿度高于 96% 以上的环境下施工
5. 不得在酸性水池中使用

健康与环境

本卷材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。

产品优势

- 固化迅速, 施工快捷
- 100% 耐紫外线
- 卓越的耐老化性
- 低温下优异的延伸率
- 固化后可上人行走
- 多用途灵活使用
- 与 SBS 沥青卷材搭配使用作为细部处理



注:索普瑞玛中国可能会修改产品的成分以及应用方法,恕不另行通知,因此将以最新的技术资料卡为准。

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产品信息

产品构成	ALSAN FLASHING
成分	聚氨酯混合物
形态	单组份液体涂料
颜色	棕色
容量	20L
重量	20kg
比重	1.0 ± 0.1g/cm ³

产品性能	ALSAN FLASHING
粘度	3000 - 10000cp
表干时间	0.5-3hours
干燥时间	6-24hours
拉力	>6Mpa
断裂延伸率	>500%
低温柔性	-40℃
低温延伸率 (-40℃)	≥100%
不透水性 (0.3Mpa下30分钟)	不透水
抗紫外线	良好
耐稀酸、强碱、饱和食盐水	良好
固化后使用温度	-40℃ - +90℃

(所有值为标称值)

厚度与用量

厚度	1.0mm	1.5mm	2.0mm
用量	1.1kg/m ²	1.6kg/m ²	2.2kg/m ²

材料特点

ALSAN FLASHING 是一种粘稠液体材料。一旦遇到空气则发生化学交联而固化。固化后形成一种聚氨酯弹性橡胶膜。该材料对混凝土砂浆、大理石、陶瓷、铝合金、聚氨酯发泡剂、PVC 等有较好的粘附力。一般情况下, 建议使用合适的底涂剂, 以使其对基材有更好的粘结性能。材料固化后, 其可直接暴露于室外空气中使用, 无须保护层。其具有优异的防水性能, 其表面可供人员维修用通行。但表面不建议有重型车辆碾压。



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ALSAN FLASHING

UV-Resistant Single-Component Elastomeric Coating

TECHNICAL DATA SHEET
REV Dec 22, 2015
(supersedes REV May 26, 2014)

DESCRIPTION

ALSAN FLASHING is a special polymer material that, upon opening on-site, cures to form a film of hybrid polyurethane and elastomer (otherwise known as a special type of polyurethane or a polyurethane elastomer with high mechanical performance). Once it cures on the substrate, the resulting rubberized film has high strength, high adhesion, and high flexibility. Once cured, it can be exposed to air and no additional protective coating is needed. It can be used for the waterproofing of rooftops that are rarely occupied, steel roofs, pools, bridges, and underground construction works.

APPLICATION

- Waterproofing for outdoor works and water retention works;
- Waterproofing of roofs with low traffic;
- Bridge waterproofing
- Waterproofing of complex roofs
- Waterproofing of steel roofs
- Tunnel and underground works waterproofing
- External wall insulation and waterproofing
- Waterproofing of structural details
- Screen wall waterproofing
- Swimming pool waterproofing
- Designed for detail waterproofing, works with SBS membrane for waterproofing effect; also used for the repair of the membrane surface
- Other kinds of waterproofing

INSTALLATION

Structural details and substrate area after treating. Use the self-leveling variant for plane surfaces. You may pour ALSAN FLASHING directly onto the floor. Use a scraper with height positioning teeth to smoothen the product. ALSAN FLASHING will flow naturally to the lowest level for a smooth surface. Then, use the dedicated roller to press on the coating to remove any air bubbles underneath. On vertical surfaces, use the no-sag ALSAN FLASHING which will not sag or drip as long as each coat is of 1.0mm or thinner. Use the roller to spread the product evenly on vertical surfaces.

1. Do not mix into cement mortar
2. Do not use in environments where there is long term exposure to organic solvents
3. Do not use where the substrate surface of the application environment has a temperature lower than +5 °C or higher than +40°C
4. Do not apply in environments where ambient humidity is higher than 96%
5. Do not use in pools containing acidic liquids

ADVANTAGES

- Rapid curing, fast construction
- Wearable
- 100% UV resistant
- Excellent ageing resistant
- Good elongation at low temperature
- Walking after curing
- Multipurpose flexible use
- Works with SBS membrane for detail





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PRODUCT DATA

Composition	ALSAN FLASHING
Ingredient	Polyurethane mixture
Form	Single-component coating
Colour	Brown
Volume	20L
Weight	20kg
Specific gravity	1.0 ± 0.1g/cm ³

Properties	ALSAN FLASHING
Viscosity	3000 – 10000cp
Track free time	0.5-3hours
Curing time	6-24hours
Tensile strength	>6Mpa
Ultimate elongation	>500%
Low temperature flexibility	-40°C
Elongation at low temperature flexibility (-40°C)	≥100%
Anti water pre. (0.3Mpa, 30min)	Waterproof
UV resistant	Good
Anti-acid, alkali, salt	Good
Environment temperature	-40°C - +90°C

(All values are nominal)

THICKNESS AND QUANTITY

Thickness	1.0mm	1.5mm	2.0mm
Quantity	1.1kg/m ²	1.6kg/m ²	2.2kg/m ²

MATERIAL FEATURES

ALSAN FLASHING is a viscous liquid material. Once it is exposed to air, it begins to cure as chemical changes occur. Once it solidifies it forms a kind of polyurethane elastomeric rubber membrane. The material adheres well to materials such as cement, marble, ceramics, aluminum alloys, polyurethane foam, PVC, etc. In general, we suggest that you first apply a coat of primer for better adhesion. Once the product cures, it can be exposed to air and no additional protective coating is needed. The product has excellent waterproofing properties and maintenance staff may use the treated surface for access purposes. However, we do not recommend that heavy vehicles pass or stand on the treated surface.

