



维护者新材料(厦门)有限公司

2017 版/Edition

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# PUTOP101 单组分可暴露型涂料

## PUTOP101 PU(A) coating

### 1, 产品特性/Product Property:

PUTOP101 涂料是由改性聚醚氨酯杂合体聚合物所配成的防水涂料, 在环境湿度作用下发生聚合反应之后即可固化成弹性膜, 并对绝大部分基材拥有良好的粘接性和优异的防水性和耐候性。其具有长期耐水浸泡性能, 一次成膜至少在 1.5mm 以上, 操作简单方便, 可广泛用于要求异形面的防水工程中。用于屋面暴露防水和水池的防水。

PUTOP101 One-part PU(A) Waterproof Coating is a kind of waterproof coating which is made from Isocyanate prepolymer combined with special curing agent and others. It would cure as membrane in moisture condition. It is good adhesive and good waterproof and good anti weather and environment friendly product. It is better apply on the dry concrete without primers in any part of waterproof projects.

### 2, 产品优点/Product Advantage:

产品固化后在-35℃至+120℃为柔性, 固化速度快, 附着力好。可长期耐水浸泡, 可长期耐盐水、碱水以及一般腐蚀性污水浸泡。用于暴露屋面, 或与 SBS 等沥青类卷材搭接使用于变形大的细部节点。并可用于屋面沥青表面的直接维修。

-35 °C ~ +120 °C flexible after curing, fast curing, good adhesive and anti long watering, good anti corrosive of Salt/Acid/Alkali. It is used for the lap waterproof system of SBS bitumen on the large movement special site .

### 3, 产品用途/Product Usage:

本产品主要应用于屋面暴露防水和长期浸水防水要求的场所/PUTOP101 can be use in exposure waterproofing and ponding project :

- 卫生间、厨房、洗衣房、水房的防水/Waterproof of Wash room 、 kitchen 、 water room
- 桥梁、隧道、管道、地铁、水渠、车库等防水/Waterproof of Bridge 、 Tunnel 、 Pipe 、 Subway 、 Penstock and Garage
- 地基、地下室、屋顶的平台、平顶阳台、屋面的防水/Waterproof of foundation、 cellar、 roof garden、 balcony and roof
- 游泳池、池塘、蓄水池、污水池的防水/Waterproof of swimming pool、 impounding reservoir、 sewage pool
- 工业厂房钢结构屋面的防水/Waterproof of Factory steel roof。
- 混凝土易开裂部位 (或已开裂部位) 的涂抹处理、以及接缝的特殊处理/Crack Concrete repairing and joint treating
- 其它防水/Other Waterproof

### 4, 使用建议/Application Suggestion:

建议潮湿混凝土基层用底涂剂 Primer Ep, 防水层整体作一布两涂, 植入网格布。 For concrete, it need Primer Ep, and the Fabric should be used for the Inforcement layers.

### 5, 物性指标/Technical Data:



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以下指标仅供参考/The Data as for your reference

组分/Component	改性聚醚氨酯脲杂合体聚合物
颜色/Color	枣红色、灰黑色、黑色/Bronze or Dark Grey or Black
物理状态/Physical State	粘稠液体/Sticky Liquid
密度/Density, g.cm <sup>-3</sup>	1.0 ± 0.1
粘度/Viscosity, cp·s	Approx5000
表干/FTF, Hours	0.5 ~ 4
固化速率/Curing Time, mm/day	2
断裂伸长率/Elongation, %	>350%
拉伸强度/Strength, MPa	>3.5
邵氏硬度/Shore A,	40~65
不透水性(0.3MPa,30min) /Waterproof	不透水/Waterproof
施工温度/Application Temperature, °C	-10—+40
固化后使用温度/Application Temperature, °C	-40—+90
耐化学腐蚀/Anti-Chem	良好/Good
抗稀酸、碱、盐/Anti-Acid/Alkali/Salt	良好/Good
长期耐水浸泡/Anti-Watering	良好/Good
混凝土砂浆对其附着力/Adhesion of Concrete	良好/Good
耐候性, 抗紫外线 QUVA	良好 good, No crack, No chalk, color change less

#### 6, 施工工具/Application Tool:

刮板、硬质刷子 /Brush、spatula

专用机器喷涂/Spray Equipment

#### 7, 施工方法/Application Method:

刮涂、喷涂或刷涂、滚涂。Spatula、Spray or Brush or rolling.

#### 8, 储存及包装/Package and Storage:

包装/Package: 20 升桶装, 5 升桶装/20 Liter Drum or 5 Liter Drum.

储存/Storage:置于阴凉处, 低于 27℃条件下 6 个月

Cool place Temperature is below 27 °C Shelf life is 6 months.



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## 9, 安全须知/Warning:

本品严禁吞食。施工时应戴手套, 避免接触眼睛和皮肤。接触皮肤应用干净布条擦去, 并用丁酮擦洗。然后用清水清洗。接触眼睛就立即用布条擦去, 并用大量清水冲洗, 并去医院处置。不得将涂料弃置于下水道, 要置于儿童不能接触的地方。施工现场禁止抽烟和有明火。

It is forbid to swallow, it should be ware gloves and keep not touch eyes and skins. Clean with cloth and MEK and wash with water then take to hospital. It forbid to throw in the pipes and keep away form children. It stored away fire and smoke.

## 10, 提示/Warning:

以上披露信息是基于我们的知识和经验, 我们认为是正确的, 但不能看成是对最终用户的保证。因为施工过程和环境不在我们的控制之中, 并受到多种因素所影响。我方不对使用不正确施工承担责任。如有任何疑问应事先做相关验证或实验。

我方保留更新的权力, 恕不另行通知。

The information contained in this technical data sheet is to the best of our knowledge correct. However, by no means can it be considered a guarantee, as usage, working area and application of the product in accordance with the instructions given and their success in application is beyond our control and is dependent on a number of factors. We decline any responsibility for the improper use of the product as the application recommendations contained herein are to be considered as a general guideline. If at all in doubt, preliminary tests should be carried out.

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