

聚耐美天冬聚脲墙面防水胶

技术说明书

JUNAIMEI NEW MATERIALS | TRANSPARENT POLYUREA WATERPROOFING



产品说明

聚耐美天冬聚脲墙面防水胶专为建筑外立面和垂直表面的防水修复设计。施工时无需拆除原有装饰表层，可显著简化修复工程、缩短工期并降低综合成本。

Junaimai Polyaspartic Polyurea Wall Waterproofing Coating is designed for waterproofing repairs on building facades and other vertical surfaces. It can be applied without removing the existing decorative finish, helping to simplify repair work, shorten the project schedule and reduce overall costs.

产品特点

1. 轻微气味：环保低气味配方，施工过程中不影响周围环境，适合在居住区进行施工。
2. 优异的流平性：即使在立面或不平整表面上施工，仍能保证均匀涂布，不产生流挂或不均匀现象。
3. 快速开放时间：25-45分钟的开放时间适合快速施工，尤其适用于需要高效完成防水修复的项目。
4. 持久耐候性能：固化后的涂层兼具优异防水性能和环境适应能力，可承受户外环境变化。

Low odour: the formulation minimises disturbance to the surrounding environment and is suitable for residential areas; excellent levelling: the coating provides a uniform finish on vertical or uneven surfaces without sagging; practical working time: the 25-45 minute working time supports efficient waterproofing repairs; durable weather resistance: once cured, the coating provides excellent waterproofing performance and adaptability to changing outdoor conditions.

适用范围

1. 立面防水修复：专用于建筑外墙、地下室、阳台等室内外立面防水，无需拆除原有装饰材料。
2. 墙体渗漏修补：适用于内外墙装饰材料的立面渗漏，可在不破坏原有瓷砖或装饰的情况下完成防水修复。
3. 涂膜保护层：作为各类防水涂膜的表层保护，提升整体防护性能并延长系统使用寿命。

Facade waterproofing repair: for interior and exterior vertical surfaces, including external walls, basements and balconies, without removing existing decorative materials; wall leakage repair: suitable for leakage through interior and exterior wall finishes without damaging existing tiles or decorative finishes; membrane protection layer: used over liquid-applied waterproofing membranes to improve protection and extend service life.

使用说明

产品可直接用于建筑外立面及其他垂直表面的透明防水修复。施工前应完成基面检查和材料混合，并在规定开放时间内一次涂覆成膜。

The product can be applied directly for transparent waterproofing repairs on building facades and other vertical surfaces. Before application, inspect the substrate and mix the components, then apply in a single coat to form a continuous film within the specified working time.

施工流程

1. 基面准备：确保基面干燥、坚固、平整，无灰尘和油污；基材含水率须低于9%。
2. 混合配比：严格按规定的A、B组分比例混合，充分搅拌至均匀且无气泡后方可使用。
3. 涂覆工艺：一次涂覆即可完成。根据基面平整度及防护要求调整涂刮厚度，通常建议0.2-0.5 mm。
4. 材料用量参考：一般用量为0.2-0.5 kg/m²，具体按施工面积、基面状态及目标厚度调整。

Substrate preparation: ensure that the substrate is dry, sound and level, free from dust and oil, and has a moisture content below 9%; mixing ratio: mix Parts A and B strictly at the specified ratio until homogeneous and free of air bubbles; application: apply a single coat and adjust the thickness to substrate evenness and required protection; 0.2-0.5 mm is generally recommended; material consumption: typical consumption is 0.2-0.5 kg/m² and should be adjusted to the application area, substrate condition and target thickness.

关键施工指标

项目	参数
开放时间 / Working time	25-45 min
建议干膜厚度 / Dry film thickness	0.2-0.5 mm
材料参考用量 / Material consumption	0.2-0.5 kg/m²
施工环境 / Application conditions	5-35°C / R.H. ≤75%

技术参数

检测项目	技术指标
主剂固含量 / Base solids	≥95%
固化剂固含量 / Curing-agent solids	≥95%
表干时间 / Touch-dry time	≤3小时 / ≤3 h
实干时间 / Through-dry time	≤14小时 / ≤14 h
拉伸强度 / Tensile strength	≥12 MPa
断裂伸长率 / Elongation at break	≥300%
黏结强度 / Bond strength	≥2.6 MPa

施工控制

- 混合后开放时间：25-45分钟。
- 基材含水率：<9%。
- 施工温度：5°C至35°C。
- 相对湿度：不超过75%。
- 阴雨天气或潮湿基面不得施工。

Working time after mixing: 25-45 minutes; substrate moisture content: below 9%; application temperature: 5°C to 35°C; relative humidity: not more than 75%; do not apply in rainy weather or to a damp substrate.

关键施工数据

控制项目	要求	施工说明
开放时间 / Working time	25-45 min	A、B组分混合后须在规定时间内完成施工 Complete application within the specified time after mixing Parts A and B.
一次涂覆厚度 / Single-coat thickness	0.2-0.5 mm	按基面平整度及目标防护要求调整 Adjust to substrate evenness and target protection.
材料用量 / Material consumption	0.2-0.5 kg/m²	实际用量受基面状态和厚度影响 Actual use varies with substrate condition and thickness.
环境条件 / Ambient conditions	5-35°C / R.H. ≤75%	保持通风，避开降雨及潮湿环境 Maintain ventilation and avoid rain and damp conditions.

包装与储存

1. 包装形式：采用液袋加塑料桶包装；主剂和固化剂均充氮保存，以降低氧化风险。
2. 储存条件：存放于阴凉、通风、干燥的库房，避免水汽及阳光直射。自生产日起储存期为12个月。
3. 运输要求：运输过程中防止雨淋、暴晒和受冻，避免挤压、碰撞，确保包装及产品完整。

Packaging: supplied in liquid bags placed inside plastic pails; both components are stored under nitrogen to reduce oxidation risk; storage conditions: store in a cool, ventilated and dry warehouse protected from moisture and direct sunlight; shelf life is 12 months from manufacture; transport: protect from rain, prolonged sun and freezing; avoid crushing and impact, and keep the packaging intact.

注意事项

1. 使用前建议在基材表面涂刷专用底涂界面剂，以确保附着力和防水效果。
2. A、B组分须严格按配比混合，并在25-45分钟内完成施工；超过开放时间可能影响防水效果。
3. 开桶后未用完的A、B组分应及时密封，置于阴凉处并尽快使用。
4. 施工时保持良好通风，避免在阴雨天气或基材潮湿时施工。
5. 施工温度为5°C至35°C，相对湿度不得超过75%。

Before use, application of the specified primer or bonding agent is recommended to ensure adhesion and waterproofing performance; mix Parts A and B strictly at the specified ratio and complete application within 25-45 minutes; exceeding the working time may affect performance; promptly reseal unused Part A or Part B after opening, store in a cool place and use as soon as possible; maintain good ventilation and do not apply in rainy weather or when the substrate is damp; application temperature must be 5°C to 35°C and relative humidity must not exceed 75%.

安全措施

1. 避免接触皮肤和眼睛。
2. 如接触皮肤，用适当清洗剂清洗；如接触眼睛，用大量清水冲洗并立即就医。
3. 保证施工区域持续通风。
4. 涂料含可燃物质，应远离火花，并禁止在临近工区吸烟。
5. 现场遵守适用的健康与安全规定。

Avoid contact with skin and eyes; for skin contact, clean with a suitable cleaning agent; for eye contact, rinse with plenty of water and seek immediate medical attention; keep the application area continuously ventilated; the coating contains flammable substances; keep away from sparks and do not smoke in or near the work area; comply with all applicable health and safety requirements on site.

联系方式

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