

聚耐美天冬聚脲防水地坪面漆

技术说明书



聚耐美|天冬纯聚脲

JUNAIMEI NEW MATERIALS | SOLID-COLOUR POLYASPARTIC FLOOR COATING

产品特点

1. 几乎无味：在施工过程中几乎没有气味，非常适合对环保和空气质量要求较高的室内场所。
2. 高效耐候性：产品具有极好的耐候性，能够长时间抵御阳光、风雨等自然因素的侵袭，保持地坪的色彩亮丽和表面性能稳定。
3. 快速固化：表干时间仅为3-5小时，实干时间为24小时，减少施工等待时间，快速恢复正常使用。
4. 适中开放时间：开放时间25-40分钟，确保施工人员有足够的操作时间进行涂刷，施工便捷。
5. 使用量建议：建议涂覆量为500-1000克/平方米，能够根据实际情况灵活调整涂层厚度，提供优异的防护和装饰效果。

Virtually odourless during application and suitable for indoor areas with stringent environmental and air-quality requirements; excellent weather resistance helps the floor retain vivid colour and stable surface performance under prolonged exposure to sunlight, wind and rain; rapid curing provides a surface-dry time of 3-5 hours and a through-dry time of 24 hours, reducing downtime; a moderate open time of 25-40 minutes gives applicators sufficient working time; the recommended application rate is 500-1000 g/m² and may be adjusted to site conditions for protective and decorative performance.

适用范围

聚耐美天冬聚脲防水地坪面漆广泛应用于各种需要高耐磨性、抗划伤性及优异装饰效果的地坪环境，特别适合在阳光直射的户外场所使用。典型应用包括：

1. 家庭车库：提供高耐磨、防水的地坪保护，提升车库整体装饰效果。
2. 商用装饰：适用于商场、超市等人流量大的场所，既美观又实用。
3. 办公室地坪：为办公室提供环保、防尘和耐用的地坪解决方案。
4. 户外体育看台：抗紫外线、耐候性能出色，长期暴露在阳光下也不易褪色或损坏。

Junaimei Polyaspartic Polyurea Waterproof Floor Topcoat is widely used where high abrasion resistance, scratch resistance and an attractive finish are required, particularly in outdoor areas exposed to direct sunlight; residential garages: provides abrasion-resistant, waterproof floor protection while enhancing appearance; commercial areas: suitable for high-traffic locations such as shopping malls and supermarkets; office flooring: provides an environmentally considerate, dust-resistant and durable solution; outdoor sports stands: offers excellent UV and weather resistance under prolonged sunlight.

使用说明

1. 配合底漆使用：大面积施工建议配合环氧底漆使用，以确保更强的附着力和持久的地坪防护效果。
2. 存储与调配：产品需要在室温下充氮保存，避免接触水分或水汽，防止固化剂和主剂失效。长时间存放可能导致主剂沉降，使用前需搅拌均匀，确保涂料性能不受影响。如长期存放后固化剂NCO浓度降低，可适当增加固化剂用量。
3. 颜色可选：产品颜色多样，可根据客户需求进行个性化定制。

For large-area applications, use with an epoxy primer is recommended to ensure stronger adhesion and long-lasting floor protection; store under nitrogen at room temperature and keep away from moisture and water vapour; prolonged storage may cause the base component to settle, so stir thoroughly before use; if the curing agent's NCO concentration decreases after prolonged storage, its dosage may be increased as appropriate; the product is available in a variety of colours and may be customised to customer requirements.

技术参数

检测项目	技术指标
固含量 / Solids content	≥95%
表干时间 / Surface-dry time	≤3小时 / ≤3 h
实干时间 / Through-dry time	≤24小时 / ≤24 h
拉伸强度 / Tensile strength	≥15 MPa
断裂伸长率 / Elongation at break	≥300%
粘结强度 / Bond strength	≥2.6 MPa

关键数据

项目	参数
开放时间 / Open time	25-40 min
建议涂覆量 / Recommended application rate	400-1000 g/m²
表干时间 / Surface-dry time	3-5 h
实干时间 / Through-dry time	24 h

施工方法

- 基面处理：确保地坪基面干燥、清洁、无油污、无灰尘等杂质，必要时进行预处理和修补。
- 涂刷面漆：使用前充分搅拌均匀，涂刷天冬聚脲地坪实色面漆，或用于实色修补，确保均匀涂覆。
- 施工环境：保持施工场所通风，施工后3-5小时内不要进行踩踏操作，待表干后正常使用。整体地坪需养护7天，快速修复区域在24小时后即可投入使用。

Substrate preparation: ensure that the floor substrate is dry, clean and free of oil, dust and other contaminants; pretreat and repair as necessary; topcoat application: stir thoroughly before use and apply the solid-colour polyaspartic polyurea floor topcoat uniformly; it may also be used for solid-colour touch-ups; application conditions: keep the area ventilated; do not allow foot traffic for 3-5 hours and resume normal use after surface drying; the entire floor requires 7 days of curing, while rapid-repair areas may be put into service after 24 hours.

施工数据

项目	参数
建议涂覆量 / Recommended application rate	500-1000 g/m²
开放时间 / Open time	25-40 min
快速恢复 / Rapid return	表干后正常使用 / After surface drying
整体养护 / Overall curing	7 days

包装与储存

1. 包装形式：采用液袋+塑料桶包装，确保产品在运输和存储过程中不受污染和损坏。
2. 储存条件：存放于0°C-30°C的阴凉、通风、干燥处，避免日晒雨淋。在正常储运条件下，未开封的产品保质期为12个月。
3. 运输要求：运输过程中避免挤压，防止包装破损，严禁日晒和雨淋。

Packaging: supplied in a liquid bag and plastic pail to protect the product from contamination and damage during transport and storage; storage: store in a cool, ventilated, dry place at 0°C-30°C and protect from sunlight and rain; shelf life in unopened packaging is 12 months under normal conditions; transport: avoid compression to prevent packaging damage; exposure to sunlight and rain is strictly prohibited.

注意事项

1. 配比精确：A、B组分的重量配比必须严格按照产品标示的质量比进行混合，确保施工效果。
2. 搅拌均匀：使用前需将涂料充分搅拌均匀，确保没有局部沉淀，影响使用效果。
3. 施工注意：施工完成后，12小时内应避免人员进入，地坪整体养护需7天，快速修复地坪养护24小时后即可投入使用。
4. 基面要求：在涂刷底涂前，基面必须保持干燥且无尘，确保涂层的附着力和整体效果。

Mix Parts A and B strictly at the weight ratio stated on the product to ensure the intended application result; stir thoroughly before use so that no localised settling affects performance; keep personnel out for 12 hours after application; the entire floor requires 7 days of curing, while a rapid-repair floor may be put into service after 24 hours; before applying the primer, keep the substrate dry and dust-free to ensure adhesion and the overall result.

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