

JTB – Oil-Based Mold Release Agent

混凝土脱模剂（油性）



产 品 说 明 书

Product Manual

产品简介

金砵宝油性混凝土脱模剂是一款高效能溶剂型脱模剂。本产品能在模板与混凝土之间形成坚韧的物理隔离膜，适用于对脱模效果和混凝土表观质量要求较高的各类混凝土工程。

Product

JTB Oil-Based Mold Release Agent is a highly efficient solvent-based release agent. This product can form a tough physical barrier between the formwork and the concrete, and is suitable for various concrete projects where high requirements are placed on the release effect and the appearance quality of the concrete.

introduction

产品特点

Product

features

- 卓越的隔离性能
- 混凝土表观质量优异
- 防腐防锈性能好
- 优异的耐候性与适应性
- 经济高效
- Excellent release performance
- Superior concrete surface finish
- Corrosion & rust resistant
- Excellent weather resistance & adaptability
- Cost-effective

适用范围

Scope of

application

适用于钢模、混凝土胎模、现浇混凝土施工制品、管件、管桩、桥梁等预制构件、装配式建筑及构件等脱模。

Demolding for steel formwork, concrete molds, cast-in-place concrete products, pipes, pipe piles, bridge precast components, and prefabricated building elements.

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施工工艺

Construction technology

- 模板清理：涂刷前务必将模板表面的混凝土残渣、水泥浆、油污及灰尘彻底清理干净，确保模板无锈迹和混凝土垢。
- 搅拌均匀：使用前将桶内产品充分搅拌均匀，如需稀释可按推荐比例兑水稀释后使用。
- 涂刷操作：可采用喷涂、刷涂或滚涂方式，均匀涂布于模板表面，确保成膜连续完整、无漏刷、无流淌。
- 等待成膜：涂刷后静置自然干燥，待溶剂挥发、形成均匀膜层后即可浇筑混凝土。
- 浇筑混凝土：成膜后即可正常进行钢筋绑扎和混凝土浇筑作业。涂刷后的模板应防止雨淋，如经雨淋需重新涂刷。
- Template cleaning: Before applying the coating, thoroughly remove all concrete residues, cement slurry, oil stains and dust from the surface of the template. Ensure that the template is free from rust and concrete scale.
- Mix thoroughly: Before use, thoroughly stir the contents in the bucket until well combined. If dilution is required, mix with water according to the recommended ratio for use.
- Painting operation: It can be carried out by spraying, brushing or rolling. The paint should be evenly applied to the surface of the template to ensure a continuous and complete film formation without any missed areas or flowing.
- Waiting for film formation: After application, let it stand and dry naturally. Once the solvents have evaporated and a uniform film layer has formed, then proceed to pour the concrete.
- Pouring concrete: Once the coating is complete, normal operations for reinforcing bar binding and concrete pouring can be carried out. The coated templates should be protected from rain. If they get wet by rain, they need to be re-coated.



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包装与储存 Packaging and storage

- **包装规格:** 采用铁桶或塑料桶包装，常用规格为 50kg/桶、20kg/桶（可根据客户需求提供其他规格）。
- **储存条件:** 密封存放于阴凉、干燥、通风处，避免阳光直晒，远离火种和热源。
- **保质期限:** 未开封产品保质期 12 个月，开封后请尽快使用完毕，未用完的物料需密封保存。
- **Packaging Specifications:** The products are packaged in iron drums or plastic drums. The common specifications are 50kg per drum and 20kg per drum (other specifications can be provided according to customer requirements).
- **Storage Conditions:** Store in a sealed manner in a cool, dry, and well-ventilated place, avoiding direct sunlight and keeping away from fire sources and heat sources.
- **Shelf Life:** Unopened products have a shelf life of 12 months. After opening, please use up the product as soon as possible. Unused materials need to be stored in a sealed manner.

安全规范

Safety specification

本产品含有化工成份，对眼睛及皮肤有刺激，因此请您在施工时穿戴必要的防护工具。如不慎溅入眼睛，请立即用大量清水清洗，并及时就医。

This product contains chemical components and can irritate the eyes and skin. Therefore, please wear necessary protective equipment during construction. If it accidentally splashes into your eyes, rinse immediately with plenty of water and seek medical attention promptly.

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