

JTB – Precast Mold Release Agent

预制构件专用脱模剂

产品简介

金砵宝混凝土预制构件专用脱模剂是一款即用、稳定、无毒的水性乳液型脱模剂。其在模板上附着力强，耐冲刷，具有极强的憎水效应，可减少或消除预制、预应力混凝土的表面缺陷。

Product

JTB Precast Mold Release Agent is a ready-to-use, stable and non-toxic water-based emulsion type release agent. It has strong adhesion on the formwork, is resistant to erosion, and has a very strong hydrophobic effect, which can reduce or eliminate surface defects of prefabricated and prestressed concrete.

introduction

产 品 说 明 书

产品特点

- 经脱模制品表面具有高平整度、高光洁度
- 易拆卸、脱模、清理
- 稳定性好、不分层
- 抗冲刷，耐候性好
- 水性环保、无腐蚀



Product

features

- High surface flatness & smoothness for demolded products
- Easy demolding & cleaning
- High stability, no delamination
- Erosion & weather resistant
- Water-based, eco-friendly & non-corrosive

适用范围

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。

Scope of

application

For demolding steel formwork, concrete molds, cast-in-place concrete products, pipes, pipe piles, bridge precast components, and prefabricated/modular building elements.

Product Manual

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施工工艺

Construction technology

- **清理基层:** 喷涂脱模液之前, 模具如有锈迹、油污, 先打磨除锈并清理干净、晾干;
- **配比和搅拌:** 初期使用, 用洁净的自来水按1:5调兑(即:1公斤金砼宝混凝土预制构件专用脱模剂+5公斤水); 使用搅拌器充分搅拌5分钟, 使脱模剂在水中完全溶解;
- **施工:** 使用喷涂法, 对模具表面进行雾状、均匀喷涂, 每处必须喷涂到位、得到滋润;
- **涂擦法:** 用浸润过脱模液的湿润的纯棉纱(不脱毛的纯棉纱、或纯棉纱毛巾)对模具表面进行均匀涂擦, 形成一层薄薄、均匀的隔离油膜。
- **参考用量:** 15~20 平方米/千克, 涂刷一次能脱模 3~5 次。
- **Clean the base layer:** Before spraying the Precast Mold Release Agent, if the mold has rust or oil stains, first grind and remove the rust, then clean it thoroughly and let it dry.
- **Mixing and stirring:** For initial use, mix with clean tap water at a ratio of 1:5 (i.e., 1 kilogram of JTB Precast Mold Release Agent +5 kilograms of water). Stir thoroughly with a stirrer for 5 minutes to ensure that the mold release agent is completely dissolved in the water.
- **Construction:** Use the spraying method to apply a mist and uniform spray to the surface of the mold. Each area must be sprayed thoroughly and moistened.
- **Application method:** Evenly apply a moist pure cotton yarn (pure cotton yarn without hair removal or pure cotton yarn towel) soaked in Precast Mold Release Agent to the surface of the mold to form a thin and even isolation oil film.
- **Reference usage:** 15 to 20 square meters per kilogram. One application can be demolded 3 to 5 times.

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注意事项

Precautions

如果初次使用金砵宝混凝土预制构件专用脱模剂，模具表面有灰，调兑脱模液时，可加入少许柴油进行搅拌；

模具凹凸部，请注意仔细喷涂到位、充分滋润。喷雾或者涂擦完毕，模具表面、特别是凹陷处，均不要留有积液，如有积液或者是较多的液滴，请用纯棉纱涂抹均匀；

冬季请按下限量 1:4 兑水，提高脱模液的浓度，以确保使用效果；

不可与其他厂家产品混合使用，严格按照配比使用。

If the JTB Precast Mold Release Agent is used for the first time and there is dust on the mold surface, when preparing the release liquid, a small amount of diesel can be added for stirring.

For the concave and convex parts of the mold, please pay attention to spraying them carefully and thoroughly to ensure they are fully moistened.

After spraying or wiping, there should be no accumulated liquid on the surface of the mold, especially in the depressions. If there is accumulated liquid or a large number of liquid droplets, please apply it evenly with pure cotton yarn.

In winter, please dilute the Precast Mold Release Agent at a limited ratio of 1:4 with water to increase its concentration and ensure the usage effect.

Do not mix with products from other manufacturers. Use strictly in accordance with the prescribed ratio.

包装与储存

Packaging

and storage

本品为 20kg 或 50kg（桶）；

存放在通风干燥处并防止阳光直射，保质期为一年。

This product is available in 20kg or 50kg drums.

Store in a well-ventilated and dry place, away from direct sunlight. The shelf life is one year.

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安全规范

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。

Safety specification

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.



企业公众号

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