

# JTB – Eco-Friendly High-Strength Non-Shrink Grout

## 环保高强无收缩灌浆料



# 产 品 说 明 书

## Product Manual

### 产品简介

### Product

### introduction

金砵宝环保高强无收缩灌浆料简称（灌浆料）是所有灌浆产品的总称，是由高强度水泥骨料外加剂及特种材料混合而成的一种高性能材料。JTB Eco-Friendly High-Strength Non-Shrink Grout abbreviated as (grouting material), is the general term for all grouting products. It is a high-performance material made by mixing high-strength cement aggregates, admixtures and special materials.

### 产品特点

### Product

### features

- 早强、高强
- 微膨胀性
- 自流性高
- 抗离析
- 抗开裂
- 耐久性强



- Early & high strength
- Slight expansion
- High self-flow
- Anti-segregation
- Crack resistant
- High durability

### 适用范围

### Scope of

### application

- 用于设备基础二次灌浆；
- 用于地脚螺栓锚固及钢筋栽埋；
- 用于混凝土结构加固和修补；
- 用于梁柱截面增大加固工程。
- •Secondary grouting for equipment foundations
- •Anchor bolts & rebar embedding
- •Concrete structure repair & reinforcement
- •Beam & column section enlargement reinforcement

# JTB – Eco-Friendly High-Strength Non-Shrink Grout

## 环保高强无收缩灌浆料



# 产 品 说 明 书

Product  
Manual

### 施工工艺

### Construction

### technology

- **灌浆料配置:** 称取金砵宝环保高强无收缩灌浆料, 以及其重量 12% 的水。
- **充分搅拌:** 推荐采用机械搅拌方式, 加水充分搅拌, 时间大约为 3 分钟。
- **施工:** 应从一侧或相邻的两侧多点进行灌浆, 直至从另一侧溢出为止, 以利于灌浆过程中的排气; 不得从四侧同时进行灌浆; 灌浆开始后, 必须连续进行、不能间断; 并尽可能缩短灌浆时间。在灌浆过程中严禁振捣; 必要时可用灌浆助推器沿灌浆层底部推动灌浆料, 严禁从灌浆层中、上部推动, 以确保灌浆层的匀质性。
- **养护:** 灌浆完毕后 30min 内应立即加盖湿草帘或岩棉被, 并保持湿润。冬季施工时, 养护措施应符合现行《钢筋混凝土工程施工及验收规范》(GB50204) 的有关规定。
- **参考用量:** 2.28~2.4 吨/m<sup>3</sup>
- **Grouting material preparation:** Weigh JTB Eco-Friendly High-Strength Non-Shrink Grout and 12% of its weight in water.
- **Thorough stirring:** It is recommended to use mechanical stirring. Add water and stir thoroughly for about 3 minutes.
- **Construction:** Grouting should be carried out at multiple points from one side or adjacent sides until it overflows from the other side, which is conducive to exhaust during the grouting process. Grouting shall not be carried out simultaneously from all four sides. After grouting begins, it must be carried out continuously without interruption. And shorten the grouting time as much as possible. Vibration is strictly prohibited during the grouting process. When necessary, a grouting booster can be used to push the grouting material along the bottom of

# JTB – Eco-Friendly High-Strength Non-Shrink Grout

## 环保高强无收缩灌浆料



# 产 品 说 明 书

## Product Manual

### 施工工艺

### Construction technology

- the grouting layer. It is strictly prohibited to push it from the middle or upper part of the grouting layer to ensure the homogeneity of the grouting layer.
- **Maintenance:** Within 30 minutes after grouting is completed, wet straw MATS or rock wool quilts should be immediately covered and kept moist. During winter construction, the curing measures should comply with the relevant provisions of the current "Code for Construction and Acceptance of Reinforced Concrete Works" (GB50204).
- **Reference dosage:** 2.28~2.4 t/m<sup>3</sup>

### 包装与储存

### Packaging and storage

包装规格:50 公斤±1 公斤/袋;25 公斤±1 公斤/袋,存放在通风干燥处并防止阳光直射。

保质期为 6 个月,超出保质期应复检合格后方可使用。

Packaging specification :50 kilograms ±1 kilogram per bag; 25 kilograms ±1 kilogram per bag. Store in a well-ventilated and dry place and avoid direct sunlight.

The shelf life is 6 months. If it exceeds the shelf life, it should be re-inspected and found qualified before use.

### 安全规范

### Safety specification

施工时应佩戴好口罩、护目镜和手套;

如果接触到皮肤或眼睛,立即用大量清水冲洗,情况特别严重时应及时就医。

When working, masks, goggles and gloves should be worn properly.

If it comes into contact with the skin or eyes, rinse immediately with plenty of water. Seek medical attention promptly if the situation is particularly serious.

# JTB – Eco-Friendly High-Strength Non-Shrink Grout

## 环保高强无收缩灌浆料



# 产 品 说 明 书

Product  
Manual

主要 技术指标 Main technical indicators	型号 Model	抗压强度 Compressive strength(MPa)			竖向膨胀率 Vertical expansion rate (%)	流动度 Fluidity (mm)	塌落度 Slump (mm)	钢筋粘结强度 Reinforcing bar bonding strength (MPa)	
		1d	3d	28d				圆钢 Round steel	螺纹钢 Rebar
	通用型 General- purpose	20~35	40~55	60~75	≥0.02	≥290	— —	≥6	≥13
	豆石型 Bean stone type	20~35	40~55	60~75	≥0.02	—	≥ 270	≥6	≥13
	超流态型 Superfluid state type	15~30	24~45	60~65	≥0.02	≥340	—	≥6	≥13
	—	4h	1d	28d		—	—	—	—
	抢工型 Rush worker type	≥15			≥0.02	≥290	—	—	—



产品施工视频

Product construction video



企业公众号

Enterprise Official Account

Service Hotline: 400-772-5558