

# JTB- Rebar Coupler Grout

## 钢筋套筒连接灌（注）浆料



# 产 品 说 明 书

## Product Manual

### 产品简介

### Product

### introduction

金砼宝钢筋套筒连接灌浆料是一种由水泥、细骨料、多种混凝土外加剂预拌而成的水泥基干混材料，现场按照要求加水搅拌均匀形成自流浆体。

JTB Rebar Coupler Grout is a cement-based dry-mixed material pre-mixed with cement, fine aggregates and various concrete admixtures.

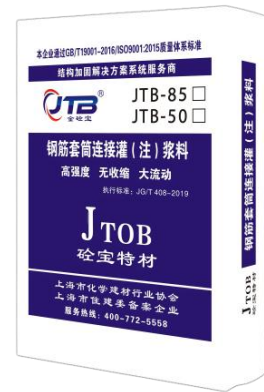
On site, water is added as required and stirred evenly to form a self-flowing slurry.

### 产品特点

### Product

### features

- 流动性好
- 塑性膨胀
- 后期膨胀
- 早强高强
- 施工方便



- High flowability
- Plastic expansion
- Post-setting expansion
- Early & high strength
- Easy application

### 适用范围

### Scope of

### application

- 装配式住宅、产业化住宅预制框架柱、剪力墙等与基础的连接；
- 大型设备基础的二次灌浆；
- 高层钢结构柱角的二次灌浆；
- 其它对灌浆材料强度要求较高、流动性要求较好的场景。
- Prefabricated residential & industrial housing: connection of columns, shear walls to foundations.
- Secondary grouting for large equipment foundations.

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### 适用范围

### Scope of

### application

- Secondary grouting for high-rise steel structure column bases.
- Other applications requiring high strength & good flowability.

### 施工工艺

### Construction

### technology

- **基面处理:** 清理施工面, 清除掉基础表面的浮灰、油污等; 进行人工或机械凿毛 (或涂刷界面剂), 所有施工面必须坚固、无明水;
- **注浆准备:** 检查注浆孔及出气孔是否有堵塞的情况, 如有堵塞需先进行疏通; 连接灌浆管, 并准备好堵头;
- **搅拌:** 称取金砼宝钢筋套筒连接灌浆料, 水的重量是料的12%, 充分搅拌3分钟即可, 推荐采用机械搅拌;
- **灌浆:** 采用人工或机械灌浆, 从一端灌入, 至另一端流出后封闭灌浆口和出气口;
- **注意:** 灌浆后 24h 内不能扰动灌浆部位。注浆及压浆后 3d 内, 梁体及环境温度不得低于 5℃, 浆体温度在 5℃~30℃之间, 否则应采取措施以满足要求。
- **Base surface treatment:** Clean the construction surface and remove loose dust, oil stains, etc. from the base surface. Manual or mechanical roughening (or application of interface agent) shall be carried out. All construction surfaces must be solid and free of standing water.
- **Grouting preparation:** Check whether the grouting holes and exhaust holes are blocked. If they are blocked, they need to be cleared first; connect the grouting pipe and prepare the plug.
- **Mixing:** Weigh the Rebar Coupler Grout. The weight of water should be 12% of the material. Stir thoroughly for 3 minutes. It is recommended to use mechanical mixing.



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### 施工工艺

### Construction technology

- **Grouting:** Manual or mechanical grouting is adopted. Grouting starts from one end and flows out from the other end, then the grouting port and the air outlet are closed.
- **Note:** The grouting area must not be disturbed within 24 hours after grouting. Within 3 days after grouting and pressing, the temperature of the beam body and the environment must not be lower than 5°C, and the temperature of the slurry should be between 5°C and 30°C. Otherwise, measures should be taken to meet the requirements.

### 包装与储存

### Packaging and storage

内衬塑料薄膜牛皮纸袋包装，净重 25kg/袋或 50kg/袋。

须贮存于干燥通风的室内。

贮存期在符合上述条件下为 6 个月，如超过贮存期，则应经过检验合格后方可使用。

Packed in lined plastic film kraft paper bags, net weight 25kg/ bag or 50kg/ bag.

It must be stored in a dry and well-ventilated indoor area.

The storage period is 6 months under the above conditions. If it exceeds the storage period, it should be inspected and found qualified before use.

### 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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		项目 Project	标准指标 Standard indicators	检测值 Detection value
主要 技术指标  Main technical indicators	凝结时间 Setting time	初凝 Initial condensation	≥5	6
		终凝 Final condensation	≤24	16
	流动度 Fluidity	初始流动度 Initial fluidity	10-17	15
		30 分钟流动度 30min flow rate	10-20	18
		60 分钟流动度 60min flow rate	10-25	22
	泌水率 Bleeding rate	24h 自由泌水率 24h free bleeding rate	0	0
		3h 钢丝间泌水率 3h bleeding rate between steel wires	0	0
	抗压强度 Compressive strength	3d	≥20	25
		7d	≥40	48
		28d	≥60	63
	抗折强度 Flexural strength	3d	≥5	6
		7d	≥6	7.5
		28d	≥10	11
	压力泌水率 Pressure bleeding rate	0.22MPa(孔道垂直高度≤1.8m 时 When the vertical height of the channel is ≤1.8 meters)	≤2.0	1.3
		0.36MPa(孔道垂直高度>1.8m 时 When the vertical height of the channel is greater than 1.8 meters)	≤2.0	1.3
自由膨胀率 Free expansion rate	3h	0-2	0.16	
	24h	0-3	0.25	
		对钢筋的腐蚀作用 The corrosive effect on steel bars	无锈蚀 No rust	无锈蚀 No rust



产品施工视频

Product construction video



企业公众号

Enterprise Official Account

Service Hotline: 400-772-5558