

# Epoxy Injection Resin

## JTB-501 环氧树脂灌注胶



# 产 品 说 明 书

## Product Manual

### 产品简介

### Product

### introduction

JTB-501 环氧树脂灌注胶广泛适用于解决混凝土面板桥梁开裂，亦可对砂浆、混凝土、砖板空鼓、缝隙等各种状况进行灌浆加固处理。

JTB-501 Epoxy Injection Resin is widely used to solve the cracking problem of concrete panel bridges, and can also be used for grouting reinforcement treatment of various conditions such as hollowing and gaps in mortar, concrete and brick slabs.

### 产品特点

### Product

### features

- 强度高
- 韧性好
- 抗氧化
- 耐腐蚀
- 绿色环保



- High strength
- High toughness
- Oxidation resistant
- Corrosion resistant
- Eco-friendly

### 适用范围

### Scope of

### application

- 混凝土工程中的裂缝修补；
- 混凝土路面、墙面、构件、水池、隧道、高铁、桥面、柱子等混凝土出现的裂缝、空鼓的防水防腐和修补加固工程。

- Crack repair in concrete structures;
- Waterproofing, corrosion protection, and repair of cracks & delamination in concrete pavements, walls, components, tanks, tunnels, high-speed rail, bridges, and columns.

# Epoxy Injection Resin

## JTB-501 环氧树脂灌注胶



# 产 品 说 明 书

## Product Manual

### 施工工艺

### Construction technology

- **基层处理:** 清理裂缝表面灰尘, 去掉松动的部位, 确保干燥牢固、无污渍。
- **固定底座:** 根据裂缝宽度, 一般间隔 10~30cm 间距标出注入口, 尽量位于裂缝较宽, 开口较通畅的位置; 封闭裂缝采用金砵宝快干封缝胶, 在预先标出的注入口粘贴底座, 并沿裂缝表面涂刮金砵宝快干封缝胶, 确保封严, 不能堵塞底座小孔, 否则影响注胶效果。
- **配胶:** 按照甲组份: 乙组份=3: 1 的比例配置金砵宝环氧树脂灌注胶, 充分搅拌均匀。一次性调配量不宜过多, 随配随用。
- **注胶:** 将调配好的金砵宝环氧树脂灌注胶吸入到灌浆器中, 并旋紧于底座上, 松开拉手进行注胶。树脂不足时, 可反复补充, 直至注满为止。
- **恢复基层:** 注胶完成后, 安装注胶堵头, 待金砵宝环氧树脂灌注胶凝固后, 可敲掉底座及堵头, 对表面进行打磨。
- **Base treatment:** Clean the dust on the surface of the crack, remove loose parts, and ensure it is dry, firm and free of stains.
- **Fixed base:** According to the width of the crack, the injection ports are generally marked at intervals of 10 to 30cm. They should be located at positions where the crack is wider and the opening is more unobstructed . To seal the cracks, use the JTB Fast-Curing Crack Sealant. Stick the base at the pre-marked injection port and apply the JTB Fast-Curing Crack Sealant along the surface of the crack to ensure a tight seal. Do not block the small holes of the base, otherwise it will affect the injection effect.
- **Mixing the adhesive:** Prepare the JTB-501 Epoxy Injection Resin in a ratio of Component A to Component B = 3:1, and stir thoroughly until evenly mixed. The amount prepared at one time should not be too much. Use it immediately after preparation.

# Epoxy Injection Resin

## JTB-501 环氧树脂灌注胶



# 产 品 说 明 书

## Product Manual

### 施工工艺

### Construction technology

- **Injection of glue:** Draw the prepared JTB-501 Epoxy Injection Resin into the grouting device, tighten it onto the base, and then release the handle to inject the glue. When the resin is insufficient, it can be replenished repeatedly until it is fully filled.
- **Restore the base layer:** After the glue injection is completed, install the glue injection plug. Once the JTB-501 Epoxy Injection Resin has solidified, the base and the plug can be removed and the surface can be polished.

### 注意事项

### Precautions

本产品适用于 5 摄氏度以上环境, 低于 5 摄氏度时需采取升温措施; 混凝土表面有明水时, 应擦去并使用热风机吹干; 使用场所应注意通风, 使用本产品后应及时洗手。

This product is suitable for environments above 5 °C . When the temperature drops below 5 °C, heating measures should be taken.

When there is standing water on the concrete surface, it should be wiped off and dried with a hot air blower.

The usage site should be well-ventilated. Hands should be washed promptly after using this product.

### 安全规范

### Safety specifications

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.



产品施工视频

Product construction video



企业公众号

Enterprise Official Account