

# JTB – Bridge Bearing Grout

## 桥梁支座灌浆料



# 产 品 说 明 书

## Product Manual

金砵宝桥梁支座灌浆料用于填充桥梁支座与墩台之间的空隙，形成一层坚固的灌浆层，确保桥梁支座的稳定和安全。性能指标满足《客运专线桥梁盆式橡胶支座暂行技术条件》-《客运专线桥梁圆柱面钢支座暂行技术条件》的技术要求。

### 产品简介

JTB Bridge Bearing Grout is used to fill the gap between the bridge

### Product

bearing and the pier and abutment, forming a solid grouting layer to ensure

### introduction

the stability and safety of the bridge bearing. The performance indicators meet the technical requirements of the "Interim Technical Conditions for Pot Rubber Bearings of Passenger Dedicated Line Bridges" - "Interim Technical Conditions for Cylindrical Steel Bearings of Passenger Dedicated Line Bridges".

### 产品特点

- 大流态、不离析、不泌水
- 早强高强、抗压强度高
- 无收缩、微膨胀
- 可低温、负温施工
- 耐久性强
- 自密实

### Product

### features

- High flowability, non-segregating, non-bleeding
- Early & high strength, high compressive strength
- Non-shrink, slight expansion



- Suitable for low & sub-zero temperature construction
- High durability
- Self-compacting

### 适用范围

适用于铁路、公路、桥梁、隧道等工程中柱基、桩基、岩基、轨道压板、底板以及支座等构件的灌浆施工。

### Scope of

### application

# JTB – Bridge Bearing Grout

## 桥梁支座灌浆料



# 产 品 说 明 书

Product  
Manual

适用范围	Grouting for columns, piles & rock foundations
Scope of application	Grouting for rail pads, base slabs & supports in railways, highways, bridges, tunnels
施工工艺 Construction technology	<ul style="list-style-type: none"><li>● <b>基础处理与支模:</b> 混凝土基础表面凿毛, 或使用金砵宝混凝土界面剂做界面处理。清除构件上的锈皮及油污等杂物。在浇灌金砵宝桥梁支座灌浆料前 24h,对混凝土基层表面进行湿润,但不得有积水。挡板应支设严密,防止漏浆。</li><li>● <b>搅拌和施工:</b> 按照金砵宝桥梁支座灌浆料重量的 12%比例, 加水搅拌均匀。灌浆时,尽可能从一侧注入,方便排出底板与混凝土基础之间的空气。浇灌开始后必须连续进行,不能间断。</li><li>● <b>养护:</b> 用湿润的草袋或布覆盖在已浇灌好的金砵宝桥梁支座灌浆料上,并洒水养护,每天 2~6 次。也可喷洒金砵宝养护剂, 一次成膜。养护温度应在 15℃以上, 养护期 7 天。若现场温度较低时, 可适当延长养护期。拆模应在浇灌完毕 24h 后进行, 拆模后仍继续养护。</li><li>● <b>Basic treatment and formwork support:</b> Roughen the surface of the concrete foundation or use JTB Interface Bonding Agent for interface treatment. Remove rust scales, oil stains and other debris from the components. Twenty-four hours before pouring the JTB Bridge Bearing Grout, the surface of the concrete base should be moistened, but there should be no standing water. The baffles should be set up tightly to prevent slurry leakage.</li><li>● <b>Mixing and construction:</b> Add water and stir evenly at a ratio of 12% of the weight of the JTB Bridge Bearing Grout. When grouting, it is advisable to inject from one side as much as possible to facilitate the discharge of air between the base plate and the concrete</li></ul>

# JTB— Bridge Bearing Grout

## 桥梁支座灌浆料



# 产 品 说 明 书

## Product Manual

### 施工工艺

#### Construction technology

- foundation. Once irrigation begins, it must be carried out continuously without interruption.
- **Maintenance:** Cover the already poured JTB Bridge Bearing Grout with moist straw bags or cloth and sprinkle water for maintenance. Do this 2 to 6 times a day. You can also spray the JTB Concrete Curing Compound to form a film in one go. The curing temperature should be above 15°C, and the curing period is 7 days. If the on-site temperature is relatively low, the curing period can be appropriately extended. Formwork removal should be carried out 24 hours after the pouring is completed, and the curing should continue after formwork removal.

### 包装与储存

#### Packaging and storage

复合袋包装,每袋含量  $50 \pm 1\text{kg}$  或  $25 \pm 1\text{kg}$ ; 运输和储存过程注意防潮、防暴晒; 未开封状态下保质期为 6 个月, 可按一般货物运输。

Packed in composite bags, each bag contains  $50 \pm 1\text{kg}$  or  $25 \pm 1\text{kg}$ . During transportation and storage, pay attention to moisture-proofing and protection from direct sunlight. The shelf life is 6 months when unopened and it can be transported as general cargo.

### 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— Bridge Bearing Grout

## 桥梁支座灌浆料



# 产 品 说 明 书

主要  
技术指标  
Main  
technical  
indicators

检测项目 Inspection items		性能指标 Performance indicators		
		I 型 Type I	II 型 Type II	III 型 Type III
凝结时间 Setting time (min)	初凝 Initial condensation		≥30	
	终凝 Final condensation		≤180	
泌水率 Bleeding rate %		0		
流动度 Fluidity (mm)	初始 Initial	≥320		
	30min	≥240		
抗压强度 Compressive strength (MPa)	2h	特殊要求 Special requireme nts ≥20		
	8h		≥20	≥25
	12h		≥25	
	24h		≥40	
	28d	≥50		
	56d	不降低 Not reduced		
	90d	不降低 Not reduced		
抗折强度 Flexural strength (MPa)	24h	≥10	≥10	≥10
	28h	不降低 Not reduced	≥12	不降低 Not reduced
	56d	不降低 Not reduced	≥12	不降低 Not reduced
弹性模量 Elastic modulus (GPa)	28d	≥30		
膨胀率 Expansion rate (%)	28d	0.02-0.1		



产品施工视频

Product construction video



企业公众号

Enterprise Official Account