

# Concrete Surface Strengthener

## TB-101 混凝土表面增强剂



# 产 品 说 明 书

## Product Manual

### 产品简介

JTB-101 混凝土表面增强剂由无机物、化学活性物质和络合物组成，通过有效渗透，与混凝土和石造物中化学成分发生化学反应，使混凝土各成分固化成坚固实体，提高表面硬度。

### Product

JTB-101 Concrete Surface Strengthener is composed of inorganic

### introduction

substances, chemically active materials and complexes. Through effective penetration, it undergoes chemical reactions with the chemical components in concrete and stone structures, solidifying the various components of the concrete into a solid entity and enhancing the surface hardness.

### 产品特点

- 增强混凝土表面硬度
- 增强混凝土耐磨性能
- 增强混凝土密度
- 提高新旧混凝土的回弹强度
- 抗化学物质侵蚀

### Product

### features

- Enhances concrete surface hardness
- Improves concrete wear resistance
- Increases concrete density
- Increases rebound strength of new & old concrete
- Chemical resistant



### 适用范围

- 适用于称重梁、柱、墙、地面等混凝土结构以及各类混凝土预制构件；

### Scope of

### application

- 适用于混凝土回弹强度不足、表面起灰起沙等问题；
- 桥梁、隧道等高标号混凝土因施工环境天气因素导致的混凝土表面强度不足、回弹值低等。

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|----------------------|--|
| 适用范围                 | <ul style="list-style-type: none"><li>● Concrete structures: beams, columns, walls, floors, and precast components;</li></ul>  |
| Scope of application | <ul style="list-style-type: none"><li>● Repair for low rebound strength, dusting &amp; sanding concrete surfaces;</li><li>● Surface strengthening for high-strength concrete in bridges, tunnels affected by construction or weather conditions.</li></ul> |
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|-------------------------|--|
| 施工工艺                    | <ul style="list-style-type: none"><li>● <b>清理基层:</b> 将浮尘、油脂、污垢去除, 记录施工前第一次回弹数据。</li><li>● <b>搅拌:</b> 将金砼宝混凝土表面增强剂充分搅拌至没有沉淀即可, 搅拌完成后倒入喷雾器内。</li><li>● <b>喷洒:</b> 将表面涂湿润即可, 等到混凝土表面充分渗透金砼宝混凝土表面增强剂后, 反复喷涂 6-8 次, 每次间隔大约半小时。</li></ul>  |
| Construction technology | <ul style="list-style-type: none"><li>● <b>测试强度:</b> 三天之后再仪器测试, 强度平均涨幅 6-8 兆帕。</li><li>● <b>Clean the base layer:</b> Remove floating dust, grease and dirt, and record the first rebound data before construction.</li><li>● <b>Stirring:</b> Thoroughly stir the JTB Concrete Surface Strengthener until there is no sediment left. After stirring, pour it into a sprayer.</li><li>● <b>Spraying:</b> Just moisten the surface. After the concrete surface is fully permeated with the JTB Concrete Surface Strengthener, spray 6 to 8 times repeatedly, with an interval of about half an hour between each spray.</li><li>● <b>Test intensity:</b> Test with an instrument again after three days. The average increase in intensity is 6 to 8 megapascals.</li></ul> |
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	桶装 50kg/桶、20kg/桶；
	宜在室内阴凉、干燥、通风处保存；
<b>包装与储存</b>	可在零度以下环境中存放；
	保质期：12 个月。
<b>Packaging</b>	Drum packaging: 50kg per drum, 20kg per drum;
<b>and storage</b>	It should be stored in a cool, dry and well-ventilated indoor place.
	It can be stored in an environment below zero degrees.
	Shelf life: 12 months.

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	本品属无毒、非危险品，按一般化学建材运输；
	运输途中不得曝晒、雨淋或倒置；
	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。
<b>安全规范</b>	
<b>Safety</b>	This product is non-toxic and non-hazardous, and is transported as a general chemical building material.
<b>specification</b>	During transportation, it must not be exposed to direct sunlight, rain or inverted.
<b>s</b>	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.

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Product  
Manual

主要

技术指标

Main

technical

indicators

序号 Serial number	指标 Indicator	参数 Parameter
1	外观 Appearance	透明液体 Transparent liquid
2	耐磨性 Wear resistance	难磨损，不起壳 It is hard to wear out and does not form a shell
3	抗老化 Anti-aging	20 年 Twenty years
4	抗渗性 Impermeability	0.1m/小时 0.1m per hour



产品施工视频

Product construction video



企业公众号

Enterprise Official Account

Service Hotline: 400-772-5558