

# Concrete Crack Repair Agent

## JTB-4000 混凝土裂缝无痕修复剂



# 产 品 说 明 书

## Product Manual

### 产品简介

JTB-4000 混凝土裂缝修复剂是双组分乳白色聚合物水性浆材，由石墨烯及高渗透性纳米材料复合而成。产品涂于混凝土毛边处不会脱层和开裂，是裂缝快速无痕修复的极佳产品。

### Product

JTB-4000 Concrete Crack Repair Agent is a milky white polymer water-based slurry, composed of graphene and highly permeable

### introduction

nanomaterials. The product will not delaminate or crack when applied to the burrs of concrete, making it an excellent choice for rapid and seamless crack repair.

### 产品特点

### Product

### features

- 粘结性好
- 抗酸碱
- 抗老化
- 耐候性强
- 环保无毒



- High bonding strength
- Acid & alkali resistant
- Aging resistant
- Excellent weather resistance
- Eco-friendly & non-toxic

### 适用范围

### Scope of

### application

- 新旧混凝土基面裂缝、龟裂纹、网状型裂缝的防水、防渗漏修复；
- 金刚砂地面、水磨石地面裂缝、龟裂纹修复；
- 混凝土、石材、结构等工程的防水抗渗及裂缝修补，混凝土、PC构件砖石体或混凝土表面的修复；
- 混凝土、路面、屋顶的裂缝修补和改造；防水、码头、坡道、停车场、粮库或工业用地板、高速公路、桥梁、人行道、路边道牙等裂缝修补工程。

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### 适用范围

### Scope of

### application

- Waterproofing & crack repair for new & old concrete surfaces, including shrinkage & pattern cracks;
- Crack repair for terrazzo & quartz flooring;
- Waterproofing, anti-seepage & crack repair for concrete, stone & structural elements; repair of concrete/PC components and masonry surfaces;
- Crack repair & renovation for concrete pavements, roofs; docks, ramps, parking lots, warehouses, industrial floors, highways, bridges, sidewalks, curbs.

### 施工工艺

### Construction technology

- **基层清理:** 把基层裂缝处的浮灰、碎石、油脂等杂物清理干净,用清水或高压水枪把裂缝清理干净。
- **涂刷裂缝修复剂:** 用毛刷或滚筒把JTB-4000混凝土裂缝修复剂原液均匀的涂刷到裂缝处,来回均匀涂刷2~3遍,细密的龟裂纹可采用通铺的方式涂刷,涂完后静置5-10分钟,让金砵宝混凝土裂缝修复剂吸收渗透进去。
- **补缝:** 调好色差后,将粉料和JTB-4000混凝土裂缝修复剂按照1:1的比例,和成水泥浆。调好以后,把水泥浆用刮刀涂抹按压进裂缝,反反复复把它按压密实,按压一定要用力,也可根据现场情况适当开槽,将水泥浆填进开槽处,抹平表面,约高出水平面1~2mm,最后抹面收光即可。
- 等待完全凝固后,用砂纸或钢丝刷稍微打磨,即可做到无痕修复。
- **Base cleaning:** Remove all loose dust, crushed stones, grease and other debris from the cracks in the base. Use clean water or a

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high-pressure water gun to clean the cracks thoroughly.

- **Apply Concrete crack repair agent:** Use a brush or roller to evenly apply the original liquid of JTB-4000 Concrete Crack Repair Agent to the crack area. Apply it back and forth evenly for 2 to 3 times. For fine and dense turtle cracks, you can apply it in a spread manner. After application, let it stand for 5 to 10 minutes to allow the Jintongbao concrete crack repair agent to be absorbed and penetrate.
- **Grouting:** Mix the color difference with black and white cement. After adjusting the color of the cement, mix the cement and JTB-4000 Concrete Crack Repair Agent in a 1:1 ratio to form a cement slurry. After mixing, use a scraper to apply and press the cement slurry into the crack, repeatedly pressing it tightly. Be sure to apply force when pressing. You can also make appropriate grooves according to the on-site conditions, fill the cement slurry into the grooves, smooth the surface, about 1 to 2mm higher than the horizontal level, and finally smooth and finish the surface. After it has completely solidified, gently sand it with sandpaper or a wire brush to achieve a seamless repair.

### 包装与储存

### Packaging and storage

本品桶装，20kg 或 50kg/桶；

密封存储，阴凉干燥处储存，存放时间不宜超过 6 个月。

This product is packed in drums, 20kg or 50kg per drum.

Store in a sealed container in a cool and dry place. The storage period should not exceed 6 months.

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Product  
Manual

### 安全规范

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。

### Safety

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.

### specifications



产品施工视频

Product construction video



企业公众号

Enterprise Official Account

Service Hotline: 400-772-5558