

Anchor planting adhesive

JTB-507 锚固植筋胶



产 品 说 明 书

Product Manual

产品简介

JTB-507 锚固植筋胶是双组分改性环氧树脂类胶粘剂，主要应用于化学植筋、螺栓锚固、裂缝修补、各类混凝土结构加固，并广泛用于建筑工程、高速公路修补、抢修工程等方面。

Product

JTB-507 anchor rebar planting adhesive is a two-component modified epoxy resin adhesive, mainly applied in chemical rebar planting, bolt

Introduction

anchoring, crack repair, and reinforcement of various concrete structures. It is also widely used in construction projects, highway repair, emergency repair projects, and other fields.

产品特点

- 安全无毒
- 耐酸耐碱
- 耐水耐老化
- 耐热性能好、不蠕变
- 抗震性能优

Product

features

- Safe and non-toxic
- Acid and alkali resistant
- Water-resistant and aging-resistant



- Good heat resistance and no creep
- Excellent seismic performance

适用范围

Scope of

application

- 混凝土、岩石、砖墙等基材的加固补强；
- 各种基础设备固定安装和建筑物结构改建、扩建工程；
- 建筑结构补强建筑物框架植筋；
- 幕墙支架固定钢结构与砼的锚固连接；
- 设备基础固定、高架道路隔音板和护栏固定；
- 隧道管线固定、剪力墙植筋桥、混凝土路面修复。
- Reinforcement and strengthening of base materials such as concrete, rock, and brick walls;

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适用范围

Scope of application

- Fixed installation of various basic equipment and reconstruction and expansion projects of building structures;
- Reinforcement of building structures: Planting rebar in building frames.
- The anchoring connection between the steel structure and concrete fixed by the curtain wall support.
- Equipment foundation fixation, sound insulation board and guardrail fixation for elevated roads;
- Tunnel pipeline fixation, shear wall rebar planting bridge, concrete pavement repair.

施工工艺

Construction technology

- **定位和测量:** 根据工程设计要求, 在基材相应位置上钻孔, 孔径、孔深以及钢筋直径应根据施工设计要求或现场实验确定;
- **清理基材:** 钻孔孔壁应用硬毛刷刷净, 并吹出灰尘, 确保孔内干燥整洁; 钢筋应去除油污、锈蚀, 并用丙酮擦拭干净;
- **施工:** 用注胶枪将胶从孔底部注入, 应注意将孔内空气排除, 注胶饱满。植筋时, 钢筋旋转压入, 直至孔底, 保持锚杆垂直于基材。固化前, 不得摇动钢筋;
- **固化:** 依据环境温度等待胶体固化, 完全固化后可进行负载安装。
- **Positioning and measurement:** According to the engineering design requirements, drill holes at the corresponding positions on the base material. The hole diameter, depth and diameter of the reinforcing bars should be determined based on the construction design requirements or on-site experiments.
- **Clean the base material:** The inner wall of the drilled hole should be brushed clean with a hard-bristled brush and the dust blown out to ensure that the hole is dry and clean. The steel bars should be free of oil stains and rust and wiped clean with acetone.

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Construction technology

- **Construction:** Use a glue gun to inject the glue from the bottom of the hole. It is important to ensure that the air inside the hole is expelled and the glue is injected thoroughly. When planting rebar, rotate and press the rebar in until it reaches the bottom of the hole, keeping the anchor bolt perpendicular to the base material. The reinforcing bars must not be shaken before curing.
- **Curing:** Wait for the colloid to cure according to the ambient temperature. After complete curing, load installation can be carried out.

包装与储存

Packaging and storage

包装为双组分桶装，A 组分 15kg、B 组分 5kg。

应储存在阴凉干燥，通风的库房内，储存期为一年；

本品无毒，属非危险品，按一般化学建材运输，且运输途中不得损坏包装、暴晒或雨淋，不得倾斜或倒置。

The packaging is in two-component drums, with Component A weighing 15kg and Component B weighing 5kg.

It should be stored in a cool, dry and well-ventilated warehouse, with a storage period of one year.

This product is non-toxic and classified as a non-hazardous material. It should be transported as a general chemical building material. During transportation, the packaging must not be damaged, exposed to direct sunlight or rain, and it must not be tilted or inverted.

安全规范

Safety

本品无毒，不慎触及皮肤时，可先用丙酮拭擦，再用水清洗即可；若不慎误食或溅入眼睛，请立即就医。

This product is non-toxic. If it accidentally comes into contact with the skin, you can first wipe it with acetone and then rinse it with water.

Specification

If accidentally ingested or splashed into the eyes, seek medical attention immediately.

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主要

技术指标

Main technical

indicators

项目 Project	要求(A级胶) Requirement (Grade A glue)
抗拉强度(Mpa) Tensile strength	≥30
抗弯强度(Mpa) Bending strength	≥50
抗压强度(Mpa) Compressive strength	≥60
钢-钢剪切强度(Mpa) Steel-steel shear strength Mpa	≥16
钢-钢拉伸强度(Mpa) Steel - Tensile strength of steel Mpa	≥33
基本性能 Basic performance	
约束拉拔条件下带肋钢筋 与混凝土的粘结强度 (MPa) Bond strength (MPa) between ribbed steel bars and concrete under constrained drawing conditions	30MPa强度的混凝土 Concrete with a strength of 30MPa ≥11
	60MPa 强度的混凝土 Concrete with a strength of 60MPa ≥17
热变形温度(°C) Heat distortion temperature (°C)	≥65



产品施工视频

Product construction video



企业公众号

Enterprise Official Account

Service Hotline: 400-772-5558