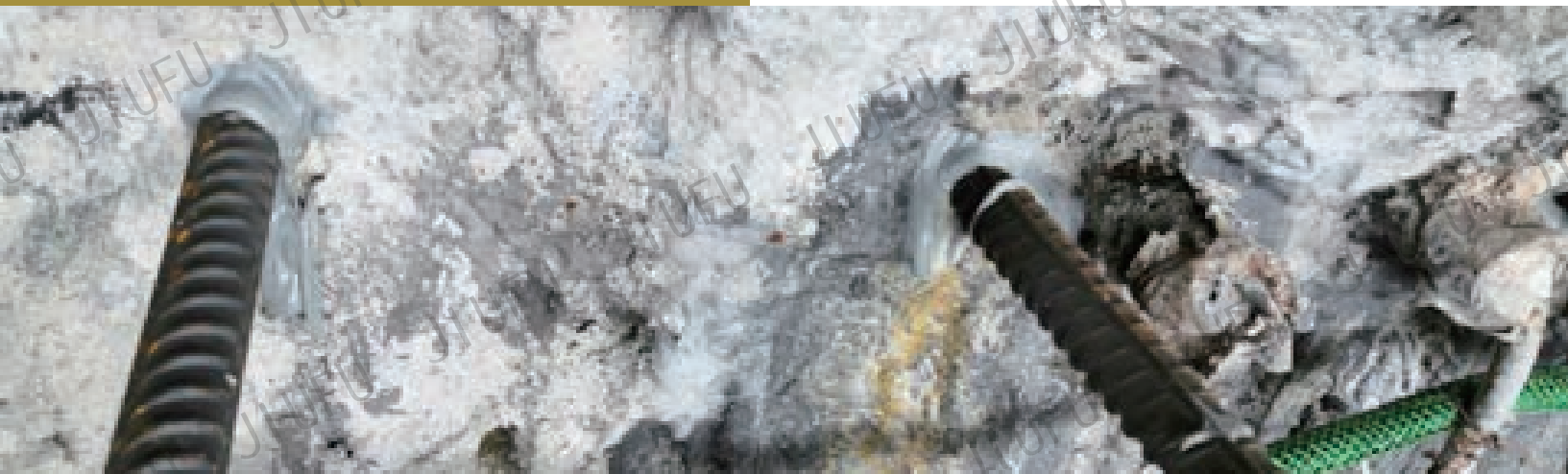


RESIN ANCHORING AGENT

Product catalogue



河北玖富工矿配件有限公司
HEBEI JIUFU INDUSTRIAL AND MINING PARTS CO., LTD

JIU FU resin anchoring agent

The anchoring agent is a kind of mastic bonding material made of unsaturated polyester resin for high strength anchoring agent, marble powder, accelerator and auxiliary materials in a certain proportion. The mastic and curing agent are divided into two-component packaging drug roll shape by special polyester film.

Resin anchoring agent has the characteristics of quick curing at room temperature, high bonding strength, reliable anchoring force and good durability, especially suitable for rapid mechanized construction.

Anchorage matrix:

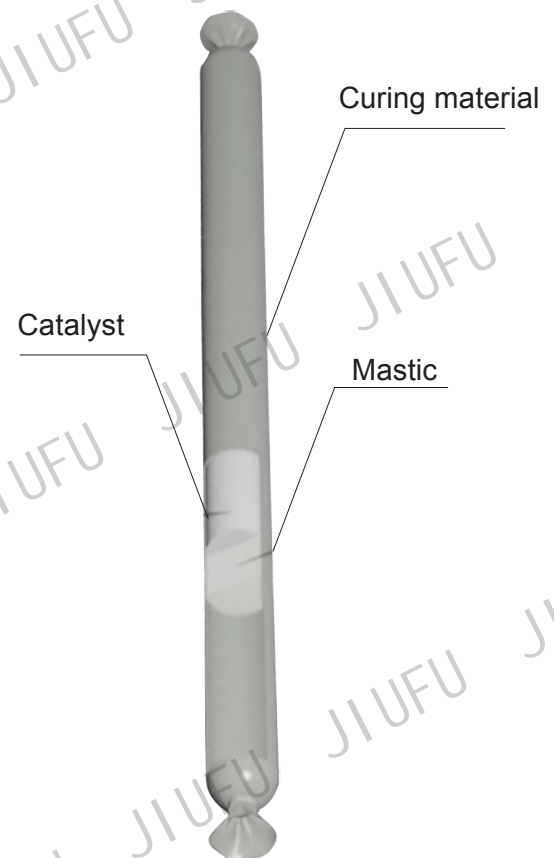
rock, coal and rock mass, concrete, etc.

Scope of application:

underground engineering and slope, steep wall shotcrete-bolt support, mine shaft equipment installation and roadway anchor net support, building component connection, equipment foundation anchorage, etc.

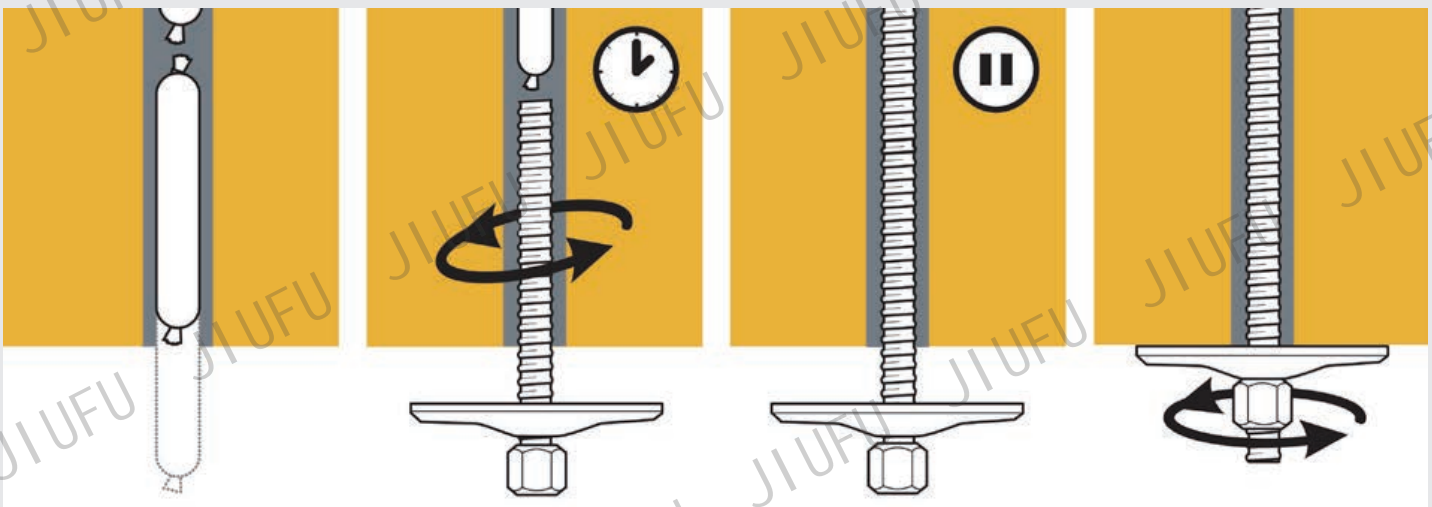
Method of application

- 1、 Application scope of resin anchoring agent: underground coal mines, not suitable for severe seepage rock sections and soft soil support.
- 2、 No oil stains on the surface of the resin anchoring agent and in the anchor holes. Wipe clean with cloth, paper shell etc before using in case of oil stains.
- 3、 According to the design requirements, select the specifications and models of the resin anchoring agent and the drilling diameter.
- 4、 Determine the drilling depth according to the length of the anchor rod required by the design. The drilling depth is 80-100mm shorter than the full length of the rod body, 360-380mm shorter than the stranded lead body.
- 5、 Use special tools to clean up floating dust or stagnant water.



- 6、 According to the length of the designed anchoring agent, use the rod to send the selected anchoring agent into the bottom of the hole.(When the two-speed anchor is installed, the ultra-fast end points inwards.) Start the stirrer to whirl and push the rod body to the bottom of the hole at a constant speed. Super fast 10-15 seconds; fast 15-20 seconds; medium speed 20-30 seconds.
- 7、 After removing the stirrer, do not displace or shake the rod before curing.
- 8、 It's advisable to test the anchoring force after 5 minutes of super fast CKa, 10 minutes of CKb, 15 minutes of fast, and 30 minutes of medium speed.
- 9、 According to the dynamic conditions of the site, the mixing installation tool can be air-actuated rock bolt mixer or electric coal drill, and the rock bolt rig is used for operation. The drilling and installation of the bolt are operated by the same machine, which is more convenient.

Rotation direction: Coal - Clockwise / Hard Rock - Anti Clockwise



Product Features

- Easy to install, requiring no specialty injection equipment
- Resistant to anchoring failure caused by blasting or vibration
- Rapid anchoring of the bolt to the surrounding strata
- High load transfers achievable almost immediately
- Full column bonded bolts strongly resist the horizontal and lateral strata movement associated with convergence
- Provides strength and rigidity to prevent sag
- Acts as a reinforcement that clamps the individual strata layers into a single high strength beam



- Effectively seals wet, dripping holes and in most cases eliminates deterioration of the hole and surrounding strata
- Unaffected by sea or fresh water, mild acids or mild alkaline solutions
- Immediately fixes rock bolts / anchors
- Protects bolts from corrosion, can be used in wet/underwater condition

Technical Parameter

| Type | Diameter and length (mm* mm) | Weight (g) | Hole Diameter (m) | Piece/Box |
|--------|------------------------------|------------|-------------------|-----------|
| CK2335 | φ23*350 | 300±15 | φ28±2 | 50 |
| CK2360 | φ23*600 | 500±15 | φ28±2 | 50 |
| CK2835 | φ28*350 | 400±15 | φ32±2 | 40 |
| CK2850 | φ28*500 | 640±15 | φ32±2 | 40 |
| CK3535 | φ35*350 | 600±15 | φ42±2 | 20 |
| CK3540 | φ35*400 | 800±10 | φ42±2 | 20 |

| Speed | GelTime Seconds | Hold Time Seconds | Color Code |
|-------|-----------------|-------------------|------------|
| CKA | 8~25 | 10~30 | Yellow |
| CKB | 26~40 | 30~60 | Red |
| K | 41~90 | 90~180 | Blue |
| Z | 91~180 | 480 | White |
| M | > 180 | — | — |



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