

JTB – Polymer cement waterproof mortar

聚合物水泥防水砂浆



产品简介

金砵宝聚合物水泥防水砂浆是由优质水泥、石英砂、进口胶粉和多种功能性添加剂、外加剂均混而成的粉状产品。

Product

JTB Polymer cement waterproof mortar is a powder product made by

introduction

mixing high-quality cement, quartz sand, imported powder, and various functional additives and admixtures.

产 品 说 明 书

产品特点

- 防水抗裂、抗冲击
- 耐高低温，耐碱性能良好
- 可成倍提高水泥砂浆的粘结力
- 可根据客户要求特别配制
- 绿色环保



Product

features

- Waterproof, crack-resistant and impact-resistant
- It has good resistance to high and low temperatures and alkali
- It can multiply the bonding strength of cement mortar
- It can be specially formulated according to customer requirements
- Green and environmentally friendly

适用范围

适用于建筑物外墙面、厨房、卫生间、阳台、屋面、窗口周边、穿墙管道、地面、港口、码头、路桥、水池、水塔及民用建筑等各种防水工程。

Scope of

application

It is applicable to various waterproofing projects such as exterior walls of buildings, kitchens, bathrooms, balconies, roofs, around Windows, through-wall pipes, floors, ports, docks, Bridges and roads, water tanks, water towers and civil buildings.

Product Manual

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施工工艺

Construction technology

- **清理基层:** 基层表面应平整、干净, 无浮尘、油脂、污垢及风化物等。不应有起砂, 空鼓, 裂缝等现象; 施工前应用高压水冲洗并保持潮湿状态, 但不得有积水。
- **配比和搅拌:** 加水量为金砵宝聚合物水泥防水砂浆重量的18%~20%, 可以根据用量提前准备好, 搅拌器搅拌使水和料充分融合, 搅拌至没有干粉达到视频状态即可。
- **施工:** 将胶浆均匀刮涂在基层上, 每次刮涂施工的厚度在3mm到15mm之间, 每平米3mm厚度的参考用量是4.5kg, 初凝4个小时终凝5-6小时。
- **参考用量:** 1.5-2.0KG/平方米。
- **养护:** 施工体表面初凝后需要洒水(喷雾)养护, 水平地面还应覆盖潮湿麻袋片等在5-40℃环境下养护。
- **Clean the base layer:** The surface of the base layer should be smooth and clean, free of floating dust, grease, dirt and weathered substances, etc. There should be no phenomena such as sanding, hollowing, or cracking. Before construction, it should be rinsed with high-pressure water and kept in a moist state, but there must be no standing water.
- **Proportioning and mixing:** The water addition should be 18% to 20% of the weight of the JTB polymer cement waterproof mortar. It can be prepared in advance according to the usage. The mixer should be used to stir until the water and materials are fully mixed. Stir until there is no dry powder and it reaches the video state.
- **Construction:** Evenly apply the adhesive slurry on the base layer. The thickness of each application should be between 3mm and 15mm. The reference usage for a 3mm thickness per square meter is 4.5kg. The initial setting time is 4 hours and the final setting time is 5 to 6 hours.
- **Reference dosage:** 1.5-2.0KG per square meter.

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- **Maintenance:** After the initial setting of the construction surface, water (spray) maintenance is required. For horizontal ground, it should also be covered with damp gunny bags, etc. Maintenance should be carried out in an environment of 5-40°C.

包装与储存

Packaging

and storage

包装：牛皮纸塑膜袋，包装规格为 25 公斤±1 公斤/袋。在 5°C 以上通风干燥处储存并防止阳光直射，冬天防止冻结。

Packaging: Kraft paper-plastic film bags, with a packaging specification of 25 kilograms ± 1 kilogram per bag. Store in a well-ventilated and dry place above 5 °C , and protect from direct sunlight. In winter, prevent freezing.

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.

主要 技术指标 Main technical indicators	检测项目 Inspection items		性能指标 Performance indicators	检测结果 Test result
	抗折强度 Flexural strength (MPa)	28d	≥6	7.6
抗压强度 Compressive strength (MPa)	28d	> 18	32.1	
粘结强度 Bonding strength (MPa)	7d, MPa	>0.8	1.06	
	28d, MPa	>1.0	1.35	
收缩率 Shrinkage rate (%)		<0.3	0.13	
吸水率 Water absorption rate (%)		<6	5.35	



产品施工视频

Product construction video



企业公众号

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