

Concrete Waterproofing Admixture

JTB-6683 混凝土表面防水剂



产 品 说 明 书

Product Manual

产品简介

JTB-6683 混凝土表面防水剂为钢筋混凝土建筑的长期耐久性和正常安全使用提供有力保障，同时对建筑材料本身的功效和力学性能不产生副作用。

Product introduction

JTB-6683 Concrete Waterproofing Admixture provides a strong guarantee for the long-term durability and normal safe use of reinforced concrete buildings, while having no adverse effects on the efficacy and mechanical properties of the building materials themselves.

产品特点

Product features

- 疏水效果持久
- 无毒，无刺激性气味
- 不燃不爆，可与水混溶
- 防水性能优异，耐候性好、耐久性好
- 抗渗耐磨，使用寿命长
- 具有钝化作用
- 降低材料吸水量



- Long-lasting water-repellent
- Non-toxic, odorless
- Non-flammable, water-miscible
- Excellent waterproofing, weather & durability resistant

- Waterproof & wear-resistant, long service life
- Passivating effect
- Reduces material water absorption

适用范围

Scope of application

- 适用于新建混凝土结构防护、旧混凝土建筑的加固维修：例如海港码头，跨海大桥、跨江大桥，水利工程大坝、城市高架桥、高等级公路桥梁、铁路桥梁、隧道、机场道面、清水混凝土建筑、热电、

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适用范围

Scope of application

核电厂、污水处理厂等；

- 适用于受到海水腐蚀、盐雾腐蚀、融雪剂腐蚀和冻融的各种混凝土结构保护。
- Protection for new concrete structures & repair/strengthening of existing concrete;
- Applications include ports, sea-crossing bridges, river bridges, dams, elevated roads, highways, railway bridges, tunnels, airport pavements, fair-faced concrete, thermal/nuclear power plants, sewage treatment plants;
- Protection of concrete structures against seawater, salt spray, de-icing chemicals, and freeze-thaw damage.

施工工艺

Construction technology

- **清理基层：**施工前先修补好混凝土结构缺陷，将基层表面的浮灰、油脂、松散物质清理干净，确保基面干净整洁、坚固平整，保持表面干燥 3 天以上。
- **施工：**喷涂液体时应连续喷涂，使被涂表面饱和溢流。水平面施工，喷涂或涂刷至基材表面湿润或至镜面状。在立面上，应自下面上的喷涂，垂流长度为 15-20cm，使被涂表面保持湿润状态几分钟。液体混凝土防水剂需喷涂两遍。
- **养护：**施工后至少保证 24 小时内不淋雨，自然风干。
- **Clean the base:** Before construction, repair the defects of the concrete structure first. Clean the loose dust, grease and loose substances on the surface of the base to ensure that the base surface is clean, tidy, solid and flat. Keep the surface dry for more than 3 days.
- **Construction:** When spraying liquid, continuous spraying should be carried out to ensure that the surface to be coated is saturated and

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overflows. Horizontal surface construction: Spray or brush until the base material surface is moist or mirror-like. On the vertical surface, the spray should be applied from the bottom up, with a vertical flow length of 15-20cm, keeping the surface to be coated moist for several minutes. The liquid concrete waterproofing agent needs to be sprayed twice.

- **Maintenance:** After construction, ensure that it is not exposed to rain for at least 24 hours and dries naturally in the air.

包装与储存

Packaging and storage

存放在阴凉处,原装密封保质期为十二个月;
塑料桶包装: 50KG 或 20KG/桶。

Plastic drum packaging: 50KG or 20KG per drum.

Store in a cool place. The original sealed product has a shelf life of twelve months.

安全规范

Safety specification

本品是不易燃、非腐蚀性的水基产品;

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。

This product is a water-based product that is non-flammable and non-corrosive.

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

	属性 Attribute	Unit	结果范围 Result range	实测结果 Measured results
主要 技术指标 Main technical indicators	颜色 Color		无色 Colorless	无色 Colorless
	比重 Proportion		1.0 ±0.2	1.01
	pH		7.0 ±2.0	7.6
	疏水性接触角 Hydrophobic contact Angle	°	$\theta >45^\circ$	90.2°



产品施工视频

Product construction video



企业公众号

Enterprise Official Account

Service Hotline: 400-772-5558