



TZ-KS Crystalline Waterproofing Admixture

Appearance:
Powder

TZ-KS Crystalline Waterproofing Admixture is a compound additive designed to enhance concrete resistance against chemical corrosion and permeability. It improves concrete density by blocking capillary channels through physical and chemical reactions.

The product enhances durability in aggressive environments and provides long-term protection against harmful ions, liquids, and gas penetration in concrete structures.

Benefits

- Blocks capillary channels to reduce water penetration
- Improves resistance to chloride and sulfate attack
- Refines pore structure for durable performance
- Provides sustained anti-corrosion capability

Dosage

Dosage: FFS1 2~3%, FFS2 4~8%. May increase in strong acid/alkali conditions.

Admixture dosage error $\leq 1\%$. Mixing time extended by 60s vs normal concrete. Recommended cement: 32.5 sulfate-resistant, OPC or slag Portland cement. Curing time $\geq 28d$.

Conduct compatibility test before use.

Or contact the technical support at info@yschempro.com.

Specifications

Appearance	Powder
Color	White
Residue	$\leq 10\%$ on 0.315 mm sieve
pH	7 - 9

Packaging

Net weight: 25kg/bag or according to customer requirements.

Applications

- Corrosion control for concrete against Cl^- , Mg^{2+} , SO_4^{2-} and gas penetration
- Anti-corrosion concrete for saline, coastal and marine projects
- Gas-proof concrete for tunnels, mines and nuclear containment
- Other long-term anti-corrosion concrete structures

Storage and Shelf Life

Protect from water and moisture. Shelf life is 12 months under required storage conditions.

This product is non-toxic and non-flammable. Avoid direct skin contact. If contact occurs, rinse immediately with plenty of water.

Represented information is based on our current experience. In case of various factors affecting the result, information does not mean legal responsibility. For additional information, please contact us.



CONTACT US

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