

MNC-Q1

Flash Setting Admixture / Shotcrete Accelerator



Description

MNC-Q1 mainly used in sulfur aluminate series cement, aluminate series cement and dry-mortar concrete. It speeds up the hydration of sulfur aluminate and the aluminate series cement, enhances concrete earlier strength. It is non-toxic, nonflammable and corrosion resistance concrete admixture which complies with JS477-2005.

Usages

1. MNC-Q1 can make the concrete set in several minutes. It is mainly used in jet concrete, refractory concrete and leaking stoppage constructions.
2. The addition rate is 3-4% of cement quantity.
3. When jet concrete prepared, 32.5 or above grade fresh silica cement, ordinary silica cement or Portland slag cement can be applied but cement should be in valid date without moisture.

Technical Data Sheet

Grade	Test Items			
	Net Paste		Mortar	
	Initial Setting Time, min	Final Setting Time, min	1 day compressive strength, MPa	28 day compressive strength, MPa
Superior	3 min	8 min	7.0	75
Standard	5 min	12 min	6.0	70

Advantages

1. High compatibility with cement, it is suitable for wet and dry shotcrete application. The spraying thickness is 100 ~150mm.
2. It improves the concrete durability with little final strength loss.
3. Low rebound strength, low alkali content, high anti-corrosion performance.

Package, Storage & Handling

It is packed in woven fabric bag with plastic liner. Net weight: 25kg +/- 0.13 kg. Avoid moisture when transporting. It should be stored in a dry and well-ventilated warehouse and be loaded 10mm above the ground level. The shelf life is 6 months.

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