



Millennium  
Concrete  
Technologies

# SHOT - CRETE PT

Flash Setting Admixture / Shotcrete Accelerator

## DESCRIPTION

**SHOT-CRETE PT** 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

- SHOT-CRETE PT** can make the concrete set in several minutes. It is mainly used in jet concrete, refractory concrete and leaking stoppage constructions.
- The addition rate is 3-4% of cement quantity.
- 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.

## ADVANTAGES

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

## PACKAGE, STORAGE & HANDLING

It is packed in woven fabric bag with plastic liner. Net weight: 25kg +/- 0.13kg. 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.

## TECHNICAL DATA SHEET

Grade	Test Items			
	New 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

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