



High Tech H.T Super 1001

High Tech H.T Super 1001 is a high performance, readily soluble powder, designed to be used as an Alkali-free set accelerator for shotcreting concrete. The required hardening time can be achieved by adjusting the dosage.

It is specially formulated to provide superior performance, increase workability and durability of concrete. **High Tech H.T Super 1001** reduces setting time and early strength gain. Ideal for use in shotcrete applications where fast setting and high early strength are required.

ADVANTAGES

- ✓ Development of high early strength as well as long term strength.
- ✓ Extremely fast setting allows for rapid work progress.
- ✓ Low rebound and dust, which leads to environmental and faster progress.
- ✓ Ability to pump concrete for a considerable distance.
- ✓ Compatible with all type of cement but works best with Ordinary Portland or High-performance cements.
- ✓ Good reduction of dust.

TYPICAL PROPERTIES AT 25°C

Form	Powder
Color	White
Bulk density	750 – 1000 kg/m ³
pH in water dispersion	7 ± 0.5
Chloride contents	< 0.1%

**Typical results under laboratory conditions*

PACKAGING

High Tech H.T Super 1001 is available in the following pack size.

1 KG Pack



Susan Road, near P.I.A, Officer Colony 1, office, 38000



03007888881



<https://hightechchemicals.com/>



High Tech

H.T Super 1001

DESCRIPTION

Rocket C-303P is a high performance, readily soluble powder, designed to be used as an Alkali-free set accelerator for shotcreting concrete. The required hardening time can be achieved by adjusting the dosage.

RECOMMENDED USES

- ✓ Tunnels, caverns and mines.
- ✓ Rock and slope stabilization.
- ✓ Shotcrete for lining.

APPLICATION GUIDELINES

Substrate Preparation:

The surface of concrete, rock or soil to be treated should be clean, free from dust, loose particles and any contaminants. Rocket C-303P is applied to damp but not wet surfaces.

Mixing:

Add Rocket C-303P to the mixing water at the recommended dosage. For best results, add during mixing cycle. Use potable water. The water/cement ratio should be between 0.36 and 0.45 depending on the desired setting time and strength.

Setting Time (Indicative)

Initial Set	Final Set	2 Hour Strength	Rating
2 min	6 – 8 min	18 – 20 Mpa	Good
5 min	8 – 12 min	12 – 15 Mpa	Ok
> 10 min	> 15 min	< 10 Mpa	Poor

SHELF LIFE

12 months from the date of manufacture when stored in original sealed packing in a dry and cool place. Extreme temperature / humidity may reduce shelf life.

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NOTE:

- If printed packaging not available, neutral packaging with label.
Lot number and manufacturing date to be stamped at the back of each bag.

HANDLING & STORAGE



Storage:

Store in a cool, dry place in original sealed packing.



Handling:

Use protective gloves and mask while handling the product.



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TECHNICAL DATA SHEET