



1.22 FASTCRETE 333

Alkali Free Liquid, Fast Concrete Admixture

PRODUCT DESCRIPTION

Alkali-free, high performance, liquid, set accelerator Fastcrete admixture.

USES

Fastcrete 333 is suitable for use as an accelerator in both the dry and wet spray processes.

The main uses of Fastcrete are as follows:

- Fastcrete with high initial strengths
- Heading stabilization in tunneling
- Rock and slope stabilization
- Underground linings (i.e. in tunnels, mines)
- High quality lining Fastcrete
- To form permanent gunite or Fastcrete shells

Characteristics / Advantages

The accelerator effect depends on the cement content, type and age, the Fastcrete and substrate temperatures, layer thickness and the spray process. The water / cement ratio in wet spraying and the quantity of mixing water in dry spraying are important criteria for the accelerating effects of Fastcrete.

Fastcrete has the following characteristics and advantages as accelerator:

- High early strength development
- Alkali free
- Minimal strength loss of the accelerated concrete
- No additional pollution of surface and groundwater by leached out alkalis
- Lower rebound during application

- Improves bond of Fastcrete to rock and concrete, thus facilitating overhead spraying
- Distinct reduction of dust
- Chloride free: does not attack steel reinforcement.

STORAGE / SHELF LIFE

Fastcrete must be stored in its original container as supplied.

6 months from date of production if stored in undamaged and unopened, original sealed containers, protected from direct sunlight and frost at temperatures between +5°C and +30°C.

Opened containers must be used as quickly as possible.

TECHNICAL DATA

Chemical Base:	Special inorganic blend materials
Density:	1.3-1.4 kg/l at 20°C
Equivalent Sodium Oxide as % Na ₂ O:	Max %1
PH Value:	~ 3.0

VALUE BASE

All technical data started in this product data sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

WARRANTY

This product is warranted to be free of defects in material and workmanship, and conform to FastChem Construction Chemicals ("FastChem") quality control standards

FastChem Technologies (Pvt) Ltd. Pakistan
Head Office Lahore:
20-A. Commercial Area Pak Arab Housing
Society Lahore.
Tel: 92(42)35803536 Mob: +92-322-4321261



المكتب للشرق الاوسط
404، سوق، البحر، برج الخليفة،
دبي، متحده عرب الامارات،
رقم البريد: 487177