

K5 STONEHARD 70

NON-SHRINK, HIGH-STRENGTH, LARGE SECTION CEMENTITIOUS GROUT

BENEFITS

- Ready to use
- Non-shrink
- Excellent bonding
- Durable
- Attains ultra high strength (700 kg / cm²at 28 days)

USES

K5 STONEHARD 70 is used for thick section structure, machine bases, large sections as machine pockets, cranerails, precast element, etc.

DESCRIPTION

K5 STONEHARD 70 is a high strength, super flowing, large section cementitious grout. It is a blend of specially selected cement, silica, aggregates and additives, when mixed with water. It produces a consistent, reliable, non-shrink, ultra high strength large section grout.

APPLICATIONS:

Surface Preparation : **K5 STONEHARD 70** should be used on clean, sound substrates, free from dust and laitance and with a roughened surface. The concrete surface should be continuously soaked with water for minimum 12 hours before applying the grout.

MIXING: **K5 STONEHARD 70** should be mixed mechanically. Mixing should be carried out with mechanical power mixer or free fall concrete mixer. For smaller quantity, **K5 STONEHARD 70** can be mixed by slow drilling machine attached paddle. Mix continuously for 3 (Three) minutes to achieve smooth and even consistency.

CURING: All exposed surfaces of grout with **K5 STONEHARD 70** should be cured by water and spread on a polyethylene sheet. Proper concrete curing system should be followed.

YIELD:

25 kg of **K5 STONEHARD 70** will give yield of approx. - 12.5 Ltr.

PACKING:

K5 STONEHARD 70 is supplied in 25 Kg. lined HDPE bags.

SHELF LIFE & STORAGE

K5 STONEHARD 70 will have a shelf life of **6 months** in unopened containers when kept in dry conditions at a temperature between 5°C to 45°C. Storage at higher temperature or high humidity may reduce shelf life.

HEALTH & SAFETY:

K5 STONEHARD 70 is non-hazardous. However inhalation of dust should be avoided while handling. In wet state, if contact with eye occurs, wash well with clean water.

PROPERTIES:

Typical strength development:

Age In Days	Compressive Strength In kg/cm² w/p = 0.19
1 day	200
3 days	375
7 days	574
28 days	700

7.07cm x 7.07cm size restrained cubes were tested

QUALITY ASSURANCE

KRISHNA manufactures entire range of construction chemicals under compliance of ISO 9001-2000.

TECHNICAL SERVICES

While new advances and changes will take place but one thing will never change is quality and meeting special needs of our customers. We are eager to work with you in development of new product and resolve your Problem.