

**BISEAL[®] CEL**

AIR ENTRAINING ADMIXTURE FOR CELLULAR CONCRETE

DESCRIPTION

BISEAL CEL is an air entraining admixture to make low density cellular concrete. Increasing air contents in concrete, with small air cells uniformly distributed throughout the concrete matrix.

USES

Lightweight cellular concrete production.

ADVANTAGES

- High efficient concentrate product.
- Improves fresh concrete workability.
- Pulls together concrete matrix avoiding segregating or sweating.
- Concrete capillarity decreases due to air entraining agents, thereby increases freeze/thaw cycles withstanding once hardened.
- Cellular concretes made with this additive are very lightweight, thus those concretes are suitable for augmentation and levelling in non-high compress actions subjected slabs.
- Easy pumping.

APPLICATION INSTRUCTION

Dosage: Add to mixing water. Dosage rates varies between 0,5% and 3% by cement weight.

Mixture preparation: Pour water, BISEAL CEL (by appropriate dosage) and cement into concrete spreader. Mix quickly for 5 to 10 min., taking into account, the longest mixing time, the fastest concrete spreader turn and the highest additive concentration, the lowest final density.

For instance, a mixture with a dosage of BISEAL CEL of 2% and stirred for 8 min., density achieved is 880kg/m³.

Application: Mixture can be pumped and cast.

CAUTIONS

- Avoid contact with skin and eyes.
- Use secure gloves and goggles.
- In case of contact with skin, wash it with soap and warm water.
- In case of contact with eyes, rinse thoroughly with clean water and visit a doctor.

- Non-ignitable product.

PACKAGING

220 litres drums and 1,000 litres containers.

COMSUPTION

From 0.5 to 3% of cement weight, depending on density desired.

STORAGE

Twelve months in its original unopened container, with temperature over 4°.

TECHNICAL DATA

Density (g/cm³) a 20°C	1.010± 0.05
Colour	Yellowish
Water solubility	Total
pH	10.5
Aspect	Liquid

GUARANTEE

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