

# MAXCIS 381-LCR

## *Liquid Crystalline Concrete Admixture*

### DEFINITION:

- It reacts with the chemicals in the concrete to form crystals and thus provides water impermeability by blocking the capillary gaps in the concrete.
- Increases the mechanical and chemical resistance of the concrete.
- Provides insulation in negative and positive directions.
- Does not contain chlorine, does not damage the iron reinforcement in the concrete.
- Easy to apply as it is liquid, saves time and labor.



### USAGE AREAS:

- Foundation and retaining walls
- Dams, water tanks and pools
- Tunnels and water channels
- Wastewater treatment plants

### APPLICATION:

- The product should be mixed until a homogeneous mixture is obtained before use.
- It is used by adding it to the mixing water during concrete production or by adding it to the concrete mixer.
- It should be added at a rate of 2% of the amount of cement in the concrete.



### CONSUMPTION:

- For C25 concrete; 5 kg/m<sup>3</sup>
- For C30 concrete; 6 kg/m<sup>3</sup>
- For C35 concrete; 7 kg/m<sup>3</sup>
- For C40 concrete; 8 kg/m<sup>3</sup>

**PACKAGING:**

- 30 kg/plastic bottle

**SELF LIFE AND STORAGE:**

- It should be stored in original, unopened and undamaged packages, in dry environments between 15°C-25°C, away from direct sunlight. Shelf life is 12 months.

**WARNING:**

- Before using the product, read the MSDS form carefully and follow the written instructions.
- Personal protective equipment should be used during application.
- There must be sufficient air circulation in the application area.
- Give empty packages to organizations authorized to collect hazardous waste.