



for Better Quality & Durability

## POZZO-CAT

**CETEX POZZO-CAT** is Nano-Silica based hyper-plasticizer. Activated Nano-Silica catalyzes cement and pozzolans, like fly ash, micro-silica, etc., which results in faster reaction in the concrete mix. This results in higher strength and lower porosity. It has excellent dispersing effect, which not only helps in higher workability but also helps in very low water cement ratio in mix design. Thus it results in **Better Quality & Durability** of concrete.

### ADVANTAGES

- ✓ Higher compressive strength by 15-40%
- ✓ Improves Workability
- ✓ Reduces bleeding of water
- ✓ Very low Water cement ratio
- ✓ Faster setting of concrete
- ✓ Higher initial and final strength
- ✓ Lower porosity
- ✓ Higher water resistance
- ✓ Mix design can be optimized to save cost
- ✓ It is environment friendly and non-hazardous
- ✓ It is easy to use.

### PROPERTIES

Type	: Nano- silica based
Appearance	: Whitish cream
Total Solid Content	: Above 50.0%
Chloride/Nitrate Content	: Nil

### DOSAGE

100 – 500 gram per 50 kg of cement is added depending on the requirement of mix design. However, field trials should be conducted to determine the optimum dosage to achieve the required condition of the mix.

### DIRECTION OF USE

**CETEX Pozzo-Cat** should be added to the concrete mix during the mixing cycle after addition of water or mixed with dosing water. **Never add the admixture to the dry mix.**

### STORAGE

Store it in frost-free condition away from sunlight or extreme heat. For best result, use within one year of date of manufacture.