



# CFA - CONCRETE FINISHING AID

for Better Quality & Durability

**CETEX CFA** is colloidal silica based finishing aid which improves workability for better finish of concrete surface. Due to rising demand of high strength concrete, the water cement ratio of concrete has been reduced drastically. Moreover, addition of dry shake harder absorbs the free moisture. This results in lower workability for concrete finish. The problem is aggravated during adverse condition like sunny, dry or windy weather. Usually to increase the workability, water is added on the surface which later results in voids in dry concrete. When **CFA** is applied on the surface, amorphous silica adds lubrication to the cement paste and increases the hydration of cement, resulting in higher strength and lower porosity.

## ADVANTAGES

- ✓ Provides lubrication to the cement paste, resulting in better finish
- ✓ Extends surface workability even during dry or windy condition.
- ✓ Helps during dry shake hardener application on surface.
- ✓ One can avoid sprinkling water at the time of surface finishing.
- ✓ Decreases porosity of the surface resulting in harder surface with higher strength.
- ✓ This helps in curing of wet concrete and water proofing of set concrete.
- ✓ Protects the surface against scratching or peeling thus reducing the dust from concrete.
- ✓ Improves the chemical resistance and reduces potential ASR reaction.
- ✓ Reduces shrinkage cracks and curling of surface.
- ✓ Improves abrasion resistance of the surface.
- ✓ Reduces efflorescence and free lime in concrete.
- ✓ Reduces requirement of costly densifier during further treatment.
- ✓ Concentrated for easy transportation and can be easily applied.
- ✓ Does not affect or change colour of decorative concrete.
- ✓ It is very economical to use.

## PROPERTIES

Total Solids Content	:	30% approx.
Specific Gravity at 25°C	:	1.20 +/- 0.02 at 25°C
pH	:	Alkaline
VOC Content	:	Nil

## APPLICATION METHODS

- Agitate container containing CFA or stir it. Dilute CFA with 3-4 times by volume of clean portable water.
- Apply diluted CFA by using a low-pressure sprayer. It can be applied through water tank of ride on trowels. Do not allow to pond or puddle on the surface.
- Apply on concrete/mortar surface during troweling, floating or finishing stage.
- It can be re-applied after finishing on wet concrete surface for better Quality & Durability.
- Application method and coverage may vary depending on concrete mix properties and requirement. For estimation of material requirement, one kg of CFA will suffice for 16 – 20 sq meter.

## PACKING

**CETEX CFA** is available in 60 kg carboy or 250 kg barrel.

## STORAGE

When stored in an airtight, sealed container in normal conditions, it has a shelf life of 6 months.

**LIMITED WARRANTY INFORMATION – PLEASE READ CAREFULLY** -The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, the results obtained may differ depending on usage or workmanship.