FCD - Fast Curing Densifier

for Better Quality & Durability

DESCRIPTION

CETEX FCD – Fast Curing & Densifiers not only cures the green concrete but also hardens it. When **FCD** is applied, it penetrates and settles in the pores or reacts with the hydroxide and oxides to produce bigger molecules which reduce the porosity of the surface. This traps the moisture of wet concrete, which aids in curing of wet concrete and makes the top layer more compact and denser thereby increases hardness and abrasion resistance of the applied surface. Mild usage of concrete can be started within 24 hours of application. This is beneficial for floors where movement is restricted during curing because of water or coating.

ADVANTAGES

- Due to early usage of surface, further work can be expedited, which saves precious time.
- No further cleaning / grinding of surface is required. It saves labor and time.
- Penetrates into the surface - it hardens and decreases porosity of treated surface.
- This traps water in wet concrete which is used for hydration / curing.
- It restricts movement of salt from concrete and deposition of salt on the surface.
- Quality and Durability of concrete surface improves due to lower salt on surface.
- It provides a tough protected long-lasting surface that does not discolor.
- Improves abrasion resistance of the surface and prevents efflorescence.
- Protects the surface against scratching or peeling thus making it dustproof.
- It improves chemical and water resistance of treated surface.
- Concentrated - reduces logistic cost. One has to dilute with water before use.
- It is easy and economical to use. It saves labor, time and precious water.

PROPERTIES

Total Solids Content	:	30 % +/- 1.0
Specific Gravity at 25°C	:	1.25 +/- 0.02
pH	:	Alkaline
VOC Content	:	Nil

APPLICATION METHOD

- Clean the surface before application. For best result, the surface should be dry to allow **FCD** penetrate the pores and react.
- **FCD** should be diluted with water in 1:3 ratio. It can be applied on clean surface by using a low-pressure sprayer or by spreading evenly with a soft-bristled broom.
- For Horizontal surfaces, apply enough diluted **FCD** to keep the surface wet for 20 minutes. If areas dry out before that, apply more diluted **FCD**. In hot, dry or windy conditions dampen concrete before application to prevent flash drying. Remove any dried powder residue using a stiff broom, power sweeper or floor scrubbing machine.
- For vertical surfaces, apply from the bottom up. For maximum penetration and desired coverage rates, a wet-on-wet application is recommended; retreat within three to five minutes after initial application. Repeated applications should be made until the surface remains moist for a minute or so before solution disappears
- Restrict usage of the treated surface for 12 hours.

PACKAGING

CETEX FCD is available in 60 kg carboy or 250 kg barrel.

STORAGE

When stored in an airtight, sealed container in normal conditions has a shelf life of 12 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.