

**BRICK PLUS ULTRA**

# WHAT IS BRICKPLUS ULTRA SET ACCELERATOR ADMIXTURE?

BRICKPLUS ULTRA set accelerator is a ready to use, powdered admixture which has to be dissolved in plain water.

It accelerates initial setting time up to three times faster than normal fly ash bricks or blocks.

BRICKPLUS ULTRA improves workability and strength while fastening the hydration of cement.

It makes the bricks easier to place and speeds the production of fly ash bricks or blocks by shortening the initial set and curing time.

Time and labor is saved because forms and other protection can be removed earlier and finishing can be started.

# USES AND APPLICATIONS

## **Set Time**

When BRICKPLUS ULTRA set accelerator is added to Portland cement , it lowers initial set time from 3 hours to 1 hour.

## **Strength**

BRICKPLUS ULTRA set accelerator also increases one-day strength of fly ash based products upto 50% more.

Concrete strength is 51% higher at three days and 32% higher at seven days. It also can improve ultimate strength.

## **Curing-**

When addition of BRICKPLUS ULTRA set accelerator is combined with draping wet burlap on the manufactured products overnight to provide adequate moisture, BRICKPLUS ULTRA set accelerator aids curing by:

- ☐ Releasing the heat of hydration sooner.
- ☐ Accelerating hydration, which reduces the time needed for curing and protection.

## **Workability and Density**

BRICKPLUS ULTRA set accelerator increases flow and workability without a change in the water/cement ratio.

# Key Benfits

- 1. BRICKPLUS ULTRA set accelerator PREVENTS YOUR MANUFACTURED PRODUCTS FROM THE BREAKAGE OF CORNERS AND EDGES.**
- 2. BRICKPLUS ULTRA set accelerator INCREASES THE COMPRESSIVE STRENGTH.**
- 3. BRICKPLUS ULTRA set accelerator LOWERS THE SETTING TIME THUS EARLY REMOVAL OF YOUR BRICK PALLETS FOR INCREASING THE PRODUCTION CAPACITY.**
- 4. BRICKPLUS ULTRA set accelerator IS THE MOST COST EFFECTIVE set accelerator .**
- 5. BRICKPLUS ULTRA set accelerator GREATLY REDUCES THE BREAKAGE OF YOUR PRODUCTS DURING STACKING AND TRANSPORTATIONS DUE TO HIGHER COMPRESSIVE STRENGTH.**

## **DOSAGE.**

**KINDLY CALL OUR TECHNICAL CELL FOR THE RECOMMENDED DOSAGE AND BEST MIX DESIGNS FOR THE PRODUCTION OF FLY ASH BRICKS,CLC BLOCKS AND HYDRAULICALLY PRESSED PAVING BLOCKS**

# Thank You

- For technical guidance and dosage instructions, you can call:
- Mr. Jetley Dharmendra : +91- 8435803967