

# ADCRETE HR

## Longer Retardation/Slump Retention

**ADCRETE HR** is liquid water – reducing & set retarding admixture for concrete. It contains modified lignosulphonates & has been formulated to give optimum performance in longer slump retention & controlling setting time of concrete. **ADCRETE HR** does not contain chloride or other potential corroding materials. Therefore, it may be used in prestressed concrete or in the presence of aluminum or zinc items. **ADCRETE HR** non – staining & can be used in architectural concrete without fear of discoloration. It is compatible with air – entraining agents & waterproofs, but they must be added separately to the mix.

### ADVANTAGES

#### Plastic concrete

- Longer slump retention
- Controls rate of set
- Improve finishability
- Improve workability
- Reduces water requirements
- Reduces segregation

#### Hardened concrete

- Increases Strength
- Improves Finished appearance
- Reduces Cracking
- Reduces permeability

#### USES

- Controls setting time
- Reduces water
- Developed for longer slump retention in hot weather condition

### PROPERTIES

**ADCRETE HR** meets or exceeds the requirement of **ASTM C494 Type B & D, BS 5075 and BSEN 934 – 2**. It provides a controlled rate of setting for hot weather concreting

### DOSAGE

The optimum dosage should be determined by site trials with the particular raw materials. As a guide, the dosage rate is normally in the range of 0.2 liters to 0.5 liters per 100kg of cement

### DIRECTION FOR USE

**ADCRETE HR** should be dispensed in to the fresh concrete or with the final quantity of mixing water. It should not come in to contact with dry cement or other admixtures until they are mixed in the concrete batch. **ADCRETE HR** should be dispensed with automatic equipment, thus ensuring uniformity of admixture used throughout the job.

### PACKAGING AND STORAGE

**ADCRETE HR** is supplied in 205 liter drums or bulk delivery. **ADCRETE HR** should be stored under shade. The shelf life of **ADCRETE HR** is 12 months in its unopened drums and tanks. Once opened, we recommend that the balance be consumed within 3 months.

### TECHNICAL SERVICE

The company provides good servicing from a team of dedicated specialist in the field. When used in accordance with its current published directions, the product will perform as described in this catalogue. Millennium Concrete Technologies will not be responsible for difficulties caused by other materials, conditions or inferior workmanship and quality control. We reserve the right to determine the true cause of any difficulty by accepted test methods.

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