

# CONCRETE MIX- AC-3000

## Water-Reducing Agent and Super Plastizer



### DESCRIPTION

CONCRETE MIX-AC 3000 is a high performance water soluble concrete additive for the production of high strength concrete in hot climates. Chloride-free. Free from sulphates. Based on sodium salt of high molecular weight naphthalene sulphuric condensate. Delivered in liquid form.

### STANDARD

Meets A.S.T.M. C494-1980 Type A&F; BS 5075 Part 3: 1984 It is recommended that CONCRETE MIX-AC 3000 is used in strict accordance with manufacturer's recommendations.

### OBJECTS

- Road, High-way, bridge, column constructions;
- Pre-stressed concrete surfaces
- Pre-cast factories for the construction of concrete elements where fast re-cycling of forms is of importance;
- Construction of floors in cold stores as water-permeability lowered and frost-resistance increased;
- Repairs to roads, highways and bridges to minimize closure to traffic and ensure early reopening;

### DELIVERY

In drum of 200 litres or in tank of 1,000 litres.

### STORAGE

Shelf-Life: 12 Months in sealed container, stored in shade and avoiding excessive heat

### ADVANTAGES

- Improves compressive, flexural and bonding strength;
- High early strength when used also as an accelerator;
- Improves durability of concrete.
- Improves flow-characteristics of concrete and thus also pump ability
- Chloride free and thus not affecting steel reinforcement in concrete;
- Reduces shrinkage and creep;
- Improves wear and abrasion resistance of finished surface;

### INSTRUCTIONS FOR USE

- Dosage 0.8% to 1.6% of cement (Best 1%)
- Should be added directly into mixing water before such water is added to aggregates.
- Exact and precise dispensing equipment including service is available from. SUPERBOND.

### CHARACTERISTICS

Appearance	: dark brown liquid
Active Ingredient, weight %	: 92
Bulk density	: 1.13+/-0.01 kg/litre
pH value	: 8.5-10
Freezing point	: -15°C
Flash-point	: Non-Flammable

### PRECAUTIONS

Non-toxic. In case of contact with skin, wash with clean water. In case of eye-contact, wash immediately with clean water and immediately consult eye-doctor

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