

## ConAd ASP 888

### Accelerating Super Plasticizer

#### DESCRIPTION

**ConAd ASP 888** is a new generation accelerating super plasticizing admixture based on naphthalene sulphonate technology.

This product is designed to provide high water reduction, while providing excellent flow ability during placement, and excellent slump retention without affecting initial setting time. This product integrates the latest state of the art technology in high performance concrete.

#### BENEFITS

- Provides a linear dose response to provide desired water reductions. It is recommended for ready-mix for both structural and architectural applications.
- Provides a linear response to allow high levels of water reduction as well as maintaining the level of workability for longer periods of time versus conventional super plasticizers.
- Concrete mixes produced can exhibit a cohesive and non-segregating concrete.
- Can reduce the overall production cost, especially when used with Mamz self-consolidating concrete technology.
- More efficient pumping of concrete with pump pressures reduced as much as 50%.
- Reduced discharge and turn-around time for trucks.
- Increased productivity, resulting in reduced labor costs.
- Earlier reuse of form works.
- Increased strengths at all ages.

#### RECOMMENDATIONS

**ConAd ASP 888** is recommended for use in all types of concrete including plain, reinforced, flowable and self-consolidating concrete. CONAD ASP-88 is very effective in concrete containing pozzolanic materials such as fly ash, silica fume and slag.

#### TECHNICAL & PHYSICAL PROPERTIES:

Appearance	Brown Liquid
Specific Gravity	1.18 @ 25° C
Chloride Content	Nil
Freezing Point	-2° C

#### APPLICABLE STANDARDS

**ConAd ASP 888**, meets or exceeds **ASTM C-494; Types A & F.**

**ConAd ASP 888**, does not contain calcium chloride

Complies with **AASHTO M-194.**

#### DOSAGE

Dosage rates vary depending upon the amount of plasticity and/or water reduction desired. Recommended dosage range for **ConAd ASP 888** is 1-1.5% of cement. to meet ASTM Type A & F.

Because of the variability increments, field conditions, and other ingredients in the mix, it is highly recommended that trial mixes be prepared to determine the optimum dosage for your specific performance requirements at project site.

#### DIRECTIONS FOR USE

For optimum results, introduce CONAD ASP-888 towards the end of the mixing process.

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**ConAd ASP 888** maintains its super plasticized consistency for up to 120 minutes depending on the dosage and environmental conditions. **ConAd ASP 888** factors to consider are ambient temperature, transport distance, and jobsite delays.

**ConAd ASP 888** can be used in conjunction with and is compatible with all of Mamz non-chloride accelerators.

### **PACKAGING**

**ConAd ASP 888** is supplied in **(210 Liters Drum)** or delivered in bulk.

### **TECHNICAL SERVICES**

A trained RADIANT representative is available to assist in the preparation of specifications, and the resolution of concrete problems in the field.

### **HANDLING & STORAGE**

**ConAd ASP 888** has a shelf life of 12 months if kept in a dry cool place in the original packing. CONAD ASP-888 should be kept from freezing. If accidentally frozen, its properties can be restored by thawing and thoroughly re-mixing by mild mechanical agitation.

### **HEALTH & SAFETY PRECAUTIONS**

During use avoid contact with skin and eyes. Suitable gloves, eye protection must be used. In case of contact with skin or eyes, it shall be immediately washed with fresh water.

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### **Important Note:**

**RADIANT Construction Technologies** manufactures wide range of construction chemicals, including admixtures, concrete repairing mortars, curing compounds, adhesives, concrete protection coatings, waterproof coatings, grouts & Tile Bond.

Separate Technical Data Sheets are available for these products.