

# LOXET<sup>®</sup> 600

## ALKALI FREE LIQUID ACCELERATOR



### INTRODUCTION

**Loxet 600** is an alkali free liquid set accelerator admixture. It's especially design for shotcrete application.

### AREA OF USES

**Loxet 600** can be used for sprayable concrete application including with tunneling, rock support, soil stabilization, mining support, pool constructions.

### ADVANTAGES

- Fast setting of mixed.
- Alkali free (Non Toxic).
- High early strength.
- Excellent long term strength.
- Durability concrete.
- Chloride free,
- No corrosion to reinforcing steel.
- Liquid type easy for application.
- Low dust production during application.
- Low amount of rebound loss.
- Los viscosity.

### TECHNICAL PROPERTIES

Color and Form: Yellowish liquid

Specific Gravity: approximate 1.38±0.14

Chloride Content: > 0.1%

pH value: 3.0±1 (50% water solution)

### DOSAGE

The consumption of **Loxet 600** depends on many factors such as temperature, type of aggregates, cement content, age of cement, thickness per layer, method of spraying, equipment, accurate of nozzle, setting time, design strength, etc. We recommended the dosage of **Loxet 600** in between 3% to 10%. The optimum dosage must be determined by trial on site with control conditions. Overdosing (>10%) may result in decrease of ultimate strength.

### COMPATIBILITY

**Loxet 600** is compatible with all type of ordinary portland cement. We recommended to used fresh cement than aged cement as there may have some effect on setting time. **Loxet 600** is compatible with all **Rockmax** admixture products. Do not mix **Loxet 600** with any type of accelerator produced by other manufacturer.

### APPLICATION

**Loxet 600** must be added in the nozzle and injected by pump with adjustable pressure type (No filter on nozzle head). We strongly advise that w/c ratio must be lower than 0.45 and should be use conjunction with our superplasticiser admixture for improve smooth pumping.

### CLEANING

All equipment, pump, hose, nozzle, etc must be truly clean with plenty of water.

### PACKAGING

200 Litre PE type drum.

Do not store material in steel containers. The container must be sealed to avoid evaporation.

### STORAGE

Store **Loxet 600** in cool and dry area. Protect from sunlight, moisture and water. Store in close sealed storage and minimum +5°C and maximum 40°C. Keep away from children. After prolonged storage, We recommended to agitate before application. Do not agitation by compressed air.

### SHELF LIFE

Minimum 6 months if kept follow instructions.

### PRECAUTIONS

**Loxet 600** is not hazardous material. However avoid contact with skin and eyes. Safety goggles and gloves must be used during application. In case of skin of eye contact, rinse with plenty of water and see medical immediately. If swallowed must be see medical immediately. Do not induce vomiting.

### CONTACT DETAIL

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## *IMPORTANT NOTE!!*

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