

## **MasterGlenium SKY 8727R (Formerly known as Rheoplus 27R)**

A performance admixture specially developed for RMC

### DESCRIPTION

**MasterGlenium SKY 8727R** is a liquid plasticizing admixture based on polycarboxylate polymers designed to improve performances in normal ready mix rheoplastic concrete. It increases production efficiency and develops higher strength in both early and hardened concrete. It is less cement sensitive and likely compatible with all brands and types of cementitious products and curing systems.

### RECOMMENDED FOR

- Concrete with less water content than with conventional admixtures.
- Faster mixing logistics during large jobs
- use in concrete where delayed setting and extended workability is desired
- mass-concrete pours
- ready-mixed concrete
- long distance transportation of concrete
- pumped concrete
- Hot weather concreting

### FEATURES AND BENEFITS

- "superplasticising" effects for high slump applications
- dramatic reduction in water requirement at equal slump
- improved workability at equal water content compared to a non-treated mix
- improved pumpability
- improved cohesiveness and mouldability of the mix
- easier placing and finishing
- improved colour, texture and uniformity
- excellent slump retention
- reduced cracking
- reduced permeability
- increased durability
- increased compressive and flexural strength

### DISPENSING

To obtain best performance, add **MasterGlenium SKY 8727R** after cementitious and aggregates have moistened with approximately 75% of total mixing water. Allow at least 1/3 of the total mixing time for **MasterGlenium SKY 8727R** into the batch.

### RECOMMENDED DOSAGE

**MasterGlenium SKY 8727R** is dosed at 0.8% to 2.0% of the total cementitious weight. Due to individual performance requirements and plant material, consult your local **Master Builders Solutions** Technical Representative regarding preferred formulation and optimum dosage.

### PROPERTIES

Supply form	: liquid
Colour	: light brown
Specific gravity @25°C	: 1.04 to 1.08
pH	: 6 to 7
Chloride content	: < 0.01% (typical ion content by analysis)

### STORAGE AND HANDLING

**MasterGlenium SKY 8727R** should be stored between +5°C to 37°C. If stored in original unopened containers it will have a shelf life of at least one year.

### PACKAGING

Available in 205 litre drums and by bulk delivery.

### HEALTH, SAFETY & COMPATIBILITY

**MasterGlenium SKY 8727R** contain no hazardous materials and is completely transport class free and environment friendly. However do not mix with old generation admixtures.

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**MG SKY 8727R/2015**

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**STATEMENT OF  
RESPONSIBILITY**

The technical information and application advice given in this Master Builders Solutions publication is based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by commonwealth or State legislation. The owner, his representative or the contractor is responsible for checking the suitability of products for their intended use.

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**NOTE**

Field service where provided, does not constitute supervisory responsibility. Suggestions made by Master Builders Solutions either verbally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not Master Builders Solutions are responsible for carrying out procedures appropriate to a specific application.

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