

RockPlast Sky 3610 (Accelerating Admixture)

Technical Datasheet

1. Description

RockPlast Sky 3610 is a revolutionary new technology based on significant advances in admixtures chemistry. This product is used as part of an admixture system to provide customized admixture solutions for a wide range of concrete applications.

2. Product Information

Packaging:	1000 Liters Bulk
Shelf Life	12 Months from production date if stored properly
Storage Temperature:	RockPlast Sky 3610 must be stored at a temperature above 5°C . If RockPlast Sky 3610 admixture freezes, thaws and reconstitutes by mechanical agitation. Do not use pressurised air for agitation.
Colour/Appearances	Yellowish Liquid
Density:	1.030 - 1.070
pH Value:	4.5 - 6.5

3. System Information

Compatibility	RockPlast Sky 3610 admixture is compatible with most admixtures used in the product of quality concrete, including normal, mid-range and high-range water reducing admixtures, air-entrainers, accelerators, retarders, extended set control admixtures, corrosion inhibitors, and shrinkage reducers.
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4. Application Information

Recommended Dosage	RockPlast Sky 3610 admixture has a recommended dosage range of 600 - 1800ml/100Kg of cementitious materials.
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Dispensing

RockPlast Sky 3610 admixture can be added with the initial batch water or as delayed addition. Other dosages may be recommended in special cases or applications according to the specific site condition or material requirements. In this case, please consult our Technical Service Department for advice.

5. Directions of Use

- Concrete with varying slump requirements
- Concrete mixtures utilizing supplementary cementitious materials
- Concrete where high flowability, increased stability and durability are needed.
- Read-mixed and precast concrete
- Production self-consolidating concrete (SCC) mixtures

6. Characteristics / Advantages

- Workability retention without retardation
- Flexibility levels of workability retention by adjusting the dosage
- Improved early and late-age compressive strength.
- Promotes greater consistency of concrete workability at the job site.
- Promotes consistency in compressive strength via minimized job site addition of water.
- Minimized re-dosing of high-range water-reducing ad-mixture at the job site
- Fewer rejected loads and better customer satisfaction due to consistent quality of concrete.
- Faster truck turn-around time
- Expanded concrete delivery range.

7. Basis of product Data

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

8. Further Documents

Do not use RockPlast Sky 3610 admixtures with admixtures containing betanaphthalene sulfonate. Erratic behaviours in slump, workability retention and pumpability may be experienced.

9. Limitations

Non-chloride, Non-Corrosive: RockPlast Sky 3610 admixture will neither initiate nor promote corrosion of reinforcing steel embedded in concrete, prestressing steel or of galvanized steel floors and roof systems. Neither calcium nor other chloride-based ingredients are used in this manufacturer of RockPlast Sky 3610.

10. Local Restrictions

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

11. Legal Notes

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