
FLOWLOCK SRP A100

MIGRATING CORROSION INHIBITOR FOR REINFORCED CONCRETE

Flowlock SRP A100 is a transparent, amine carboxylate based migrating corrosion inhibitor for the protection of steel reinforcements against corrosion and to extend the durability of concrete in aggressive environments.

The active compounds penetrate deeply into the capillary network of the concrete, creating a protective barrier against water and chlorides, thereby inhibiting the corrosion process.

USES

- Protection and corrosion control for steel reinforcements in structural concrete from the effects of carbonation, chlorides and other chemical environments.
- Preventive anti-corrosion protection of reinforcement steels not yet affected by corrosion, for example: civil engineering structures, facades, road and rail infrastructure, water treatment plants, industrial facilities, etc.
- Anticorrosion protection of areas surrounding structural concrete repairs.

BENEFITS

- Up to 60mm penetration capacity
- Protects both the anodic and cathodic areas of the steel
- Reduces the speed of carbonation induced corrosion
- Greatly extends the service life of the concrete structure
- Allows water vapour diffusion
- Transparent
- Solvent free

COVERAGE

Estimated coverage is 500g per square metre.

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FLOWLOCK
(division of Rooflock)

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Characteristics of the product	
<i>CE Marking, EN 1504-7</i> Description. Active coating with corrosion inhibitors for corrosion protection of steel reinforcement in concrete structures in building and civil engineering works. Principles / Methods. Control of anodic areas by painting reinforcement with coatings containing active pigments (Principle 11-CA / 11.1), Control of anodic areas by painting reinforcement with barrier coatings (Principle 11-CA / 11.2)	
Appearance	Colorless liquid based on amine carboxylate and amino alcohols
Density (g/cm ³)	1,01 ± 0,10
pH	11-14
Application conditions	
Application temperature, (°C)	>5 °C
Drying-time between coats, (min)	15-30
Applied product characteristics	
Depth penetration in concrete (mm per day)	10 mm in 2 days 45 mm in 28 days 60 mm in 56 days
Protection against corrosion, EN 15183	No corrosion, Passes
Consumption	
Estimated consumption, (kg/m ²)	0,5

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