
FLOWLOCK SRP W120

EPOXY PRIMER FOR STEEL

Flowlock SRP W120 is a protective water-based oxide convertor and anti-corrosion primer for treating exposed steel, particularly steel reinforcing bars in concrete.

USES

- Oxide converter and anti-corrosion protection of steel reinforcements in structural concrete, especially repair areas exposed to aggressive conditions such as coastal areas or industrial environments.
- Anti-corrosion protection against acids and other chemical attack.
- Adhesion promoter or priming on metal surfaces for subsequent Flowlock coating systems.

BENEFITS

- Excellent adhesion to metal substrates.
- Quick drying
- Single component coating – easy to use
- Environmentally friendly
- Water based – Odourless and solvent free

COVERAGE

Existing metal surface to be coated must be clean and free of previous coatings, loose particles and grease/oils or other contaminants that may affect adhesion of the product.

Prepare metal to ST-2 surface preparation grade (Oxide eliminated with wire brush).

Estimated coverage is 300g per square metre.

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TECHNICAL DATA

Product characteristics	
<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	1,18 ± 0,10
reinforcement with barrier coatings (Principle 11-CA / 11.2)	None
Volatile organic compound, (g/l)	
Application and curing conditions	
Application temperature for substrate and ambient, (°C)	> 5 to < 35
Waiting time between coats at 20 °C & 50 % R.H., (h)	2 – 3
Curing time at 20 °C & 50 % R.H., (h)	
- Covering with repair	3-4
- Covering with epoxy or polyurethane	24
Cured product characteristics	
Adhesion to steel, (MPa)	4,9 ± 0,5
Corrosion protection, EN 15183	Coated zones of steel are free of corrosion and rust creep at the ground plate edge < 1 mm
Fireproofing, BS 473-7	Suitable
Thickness / Consumption*	
Dry film thickness per coat/total application, (µm)	50 / 100
Consumption per coat/total application, (kg/m ²)	0.15 / 0.30

* These figures are for guidance only and may vary depending on porosity, texture, substrate conditions and application method. Perform a preliminary test on-site to ascertain the total consumption exactly .