FLOWLOCK SRP EP200
PROTECTIVE EPOXY PRIMER WITH OXIDE INHIBITOR

Flowlock SRP E200 is a protective epoxy-based anti-corrosion primer for treating exposed steel, particularly steel reinforcing bars in concrete and other structural elements.

It is a high performance, 2 component primer with oxide inhibitors to create a sound base for structural concrete repairs, providing an effective barrier against water and chlorides.

USES

- Protection and corrosion control for steel reinforcements in structural concrete
- Primer for steel reinforcements prior to application of a Flowlock Structural Concrete Repair Mortar
- Primer for structural metal prior to application of a Flowlock EP-range Epoxy coating system (Pipelines, tanks, metal structures)

BENEFITS

- Effective barrier against water and chlorides
- Excellent corrosion inhibitor properties
- Excellent adhesion to steel
- Very good abrasion resistance
- Epoxy based and solvent free – environmentally friendly

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 SA-2.5 surface preparation grade (Total oxide removal by blasting).

Estimated coverage is 400g per square metre.

Document No. 42781. February 2017.

FLOWLOCK
(division of Rooflock)

T: 0161 945 1440 E: info@flowlock.co.uk W: www.flowlock.co.uk
A: Catford Road, Roundthorn Industrial Estate, Manchester, M23 9LR

FLOWLOCK SRP EP200

TECHNICAL DATA

Product characteristics	
General appearance and colour for mixed product	Red liquid
A:B mixing ratio, (by weight)	5:1
Application and curing conditions	
Application temperature / Relative humidity for ambient and substrate, (°C / %)	> 10 / < 80
Pot life at 10 °C/ 20 °C/ 30 °C, (min)	Approx. 180 / 120 / 60
Drying-time to touch at 20 °C, (hours)	6 – 8
Curing time at 10 °C/ 20 °C/ 30 °C, (days)	8 / 5 / 3
Adhesion on metal, ASTM D-4541 (MPa)	5.4
Thickness / Consumption*	
Dry film thickness per coat / total application, (µm) Consumption per coat / total application, (kg/m^2)	100 / 200 0.25 / 0.50

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

FLOWLOCK
(division of Rooflock)

T: 0161 945 1440 E: info@flowlock.co.uk W: www.flowlock.co.uk
A: Catford Road, Roundthorn Industrial Estate, Manchester, M23 9LR