

FLOWLOCK BA EP 220 D

EPOXY BASED BONDING AGENT FOR DRY SURFACES

Flowlock BA EP 220D is a two component, solvent free epoxy based bonding agent, specifically formulated for bonding of cementitious substrates. Substrates must be dry.

USES

- Bonding of Flowlock Concrete repair mortars to existing cementitious substrates
- Bonding of new concrete to roughened fully cured concrete

BENEFITS

- Solvent free
- Excellent adhesion and mechanical strength

COVERAGE

Estimated coverage is 500 - 1000g per square metre.

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TECHNICAL DATA

Characteristics of the product	
<i>CE Marking, EN 1504-4 Description:</i> Two-component, epoxy based bonding agent. Principles / Methods. Structural strengthening by plate bonding (Principle 4-SS / 4.3), Structural strengthening by adding mortar or concrete (Principle 4-SS / 4.4),	
<i>CE Marking, EN 1504-7 Description:</i> Two-component, epoxy based bonding agent. 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)	
Solid content (% , by weight)	100
A:B mixing ratio (by weigh)	5:1
Conditions for application and curing	
Temperature for application and curing (°C)	>5
Pot life at 10°C / 20°C / 30°C (5 kg) (minutes)	150 / 75 / 20
Open time at 10°C / 20°C / 30°C (hours)	4 / 2 / 0,75
Time for total curing at 10°C / 20°C / 30°C (days)	5 / 4 / 3
Characteristics for cured product	
Compressive strength 24 h at 20 °C ²⁾	800
Flexural strength 24 h at 20 °C ²⁾	200
Modulus of elasticity 24 h at 20 °C (kp/cm ²)	170.000
Consumption	
Consumption* per layer ²⁾	0,3-1,0

(*)These figures may vary depending on the roughness and the surface conditions. A preliminary test on-site will determine the coverage exactly.