weberad 220 SBR

ADMIXURES FOR CONCRETE

SBR Latex-Based Bonding Agent

PRODUCT
weberad 220 SBR is a water based latex admixture used as a bonding agent for mortar and concrete.

PROPERTIES
weberad 220 SBR contains no iron.
Added to mortar, it increases internal and external bonding of cement and confers to the product strength, waterproofing, flexibility and resistance to abrasion and to chemicals.

SCOPE OF USE
weberad 220 SBR is generally used :
- As an additive in spatter-dash key slurries, plasters, renders and mortar screeds
- As an additive in joint grouts and thick mortar beds, for tiles, ceramics, marble tiles, bricks and stones
- As an additive in mortars for the patching and the repair of concrete elements
- As a bonding for fresh concrete on hardened concrete
- For the bonding of prefabricated concrete elements

CHARACTERISTICS

Appearance	White liquid miscible in water
Density at 20°C	1
Freezing point	- 2°C
pH	10 ± 1
VOC and formaldehyde content ISO/FDIS 11890-2/GC-MS	None (<10µg/l)

LIMITATION
Optimum working temperature is 45°C. For hot weather conditions, consult Company's technical service for special instructions.
Works should be performed within 30 min.
In case of workability loss, mixture can be re-wetted by adding more **weberad 220 SBR**.
Do not add water to **weberad 220 SBR** or mortar mixes.
When areas are exposed to sunlight, rapid air movement, or hot temperature use weber.ad cure Y 40 curing compound over the mortar surface.
For interior or protected exterior work, simple air cure is adequate.

INSTRUCTIONS FOR USE
SUBSTRATE PREPARATION
Surface shall be sound and scrubbed using stiff-bristled nylon brush to remove laitance, dust, dirt, grease, wax, and concrete sealers. Surface should be damp with no excess, free standing water.

PRODUCT PREPARATION
weberad 220 SBR liquid is directly added to a previously prepared mixture of cement / sand or cement / sand / gravel and mixed either by hand or a power mixer with low rotation speed (300 rpm). Total mixing time should not exceed 5 minutes from the time liquid is added to the solid material. Over-mixing should be avoided.
Keep mortar or concrete as stiff as possible for the intended use.

PRODUCT APPLICATION
Prime the prepared surface by applying a thin cement slurry mix with **weberad 220 SBR**, using a stiff nylon bristled brush.
Apply mortar or concrete and level immediately. Use a float for finishing.

Dosage rate
2 to 10% of cement weight for plastering mortars, enhanced mortars (screeds, adhesives, repair etc...). and for bonding slurries.

PACKAGING
weberad 220 SBR is supplied in 5 and 20 lit. pails and 200 lit drums.

STORAGE
weberad 220 SBR has a high storage stability from - 20°C to + 45°C. Stir always before use.
Can be stored up to 6 months after manufacturing date, in original packaging.

SAFETY PRECAUTIONS
Avoid prolonged contact with skin. Wear protective gear for hands & eyes. Splashes on the skin should be washed away by cleaning with soap and water. In case of contact with eyes, wash thoroughly with clean water. If swallowed, do not induce vomiting, in both cases seek medical attention. The product is non-flammable.

DISCLAIMER
While the company guarantees its products against defective materials, the use and application of these products are made without guarantee since the conditions of their application are beyond its control. It is recommended to verify with the company that the product is suitable for the intended use, and that this Data Sheet version is the latest one. The company may modify it without prior notice. Technical characteristics are listed for guidance only. For more information, please contact the company's office in your location.

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