

Protective anti-carbonation coating for concrete

PRODUCT

webercote beton is a high performance architectural anti-carbonation flexible coating based on stabilized pure acrylic dispersion with excellent external weathering & UV resistance in variable weather conditions, coastal & urban polluted environments, and inside car parks and buildings where a high level of washability and stain resistance is required.

TYPICAL USES

On exterior and interior new & previously coated surfaces of concrete, masonry, fairfaced concrete & cement plaster. Concrete structures, facades, walls & ceilings of car parks, over & under passes, bridges, tunnels & places subjected to effects of carbonation, water & weather etc...

ADVANTAGES

- Easy to clean
- Excellent weathering resistance
- Single pack and easy to apply
- Protects substrates from carbonation
- Elastic nature
- Allows structure to "breathe"
- Water based and non-toxic

CHARACTERISTICS

Colors	30
Appearance	Eggshell finish (lustreless)
Density	1.6 Kg/L ASTM D1475
Adhesion	5A – no peeling (ASTM D3359)
Total solids by volume	62% ISO 3233
Moisture vapour transmission SD levels	0.38m
Touch dry	20 minutes
Recoat time	4 hours
Through dry time	6 hours
Dry film thickness	185µ

The values stated are based on internal laboratory tests, therefore they are subject to normal manufacturing tolerances.

INSTRUCTIONS FOR USE

SURFACE PREPARATION

Surfaces must be solid, clean & dry, free from oil, grease, salt, efflorescence & other contaminants. Newly laid concrete should be allowed to become fully cured. Highly alkaline & acid surfaces should be neutralized. To level-up concrete & masonry surfaces, fill blow holes,

PACKAGING

Leb	Syria	Jordan	UAE	Qatar	Kuwait	KSA	Oman
-	-	-	-	-	18.9 L	-	-

crevices, hollows, irregularities etc...

Deteriorated previous coatings, weak, friable & blistered paints or chalky substances should be removed & cleaned properly.

PRIMING

webercote beton is a self-priming paint which could be applied directly to well-prepared substrates to give proper performance.

Surfaces could also be primed with Low Odor / Low VOC **webercote beton prime** diluted by about 50% for plastered surfaces, and by abt. 75% for fair faced concrete & masonry surfaces.

THINNING

Dilute **webercote beton** by about 50% when to be directly applied to plastered substrates, and up to 75% when to be directly applied to fair faced concrete substrates. If thinning is needed for successive coats or for top coats, thin up to 15% with water.

APPLICATION

Brush, roll or spray in uniform thickness.

Thickness of paint film depends on condition of surface. Two coats are usually applied to give satisfactory results. In renovation works, touch-up and one coat usually suffice. Clean tools and equipment with water immediately after use.

1. Self-priming paint system:

- Prepare surface and apply 1st coat of **webercote beton** suitably diluted.
- Apply 2 coats of **webercote beton** diluted 15%.

2. Paint system with primer:

- Apply 1 coat of undercoat **webercote beton prime** diluted 50%.
- Top coat with 2 coats of **webercote beton**, diluted 15%.

CONDITION OF APPLICATION

Can be applied at surface temperatures from 4°C. Apply only to surfaces with temperatures at least 3°C above the dew point. This product may be applied at relative humidity ranging from 30% to 85%. Good ventilation is necessary. The product should not be exposed to mechanical stress until fully cured.

COVERAGE

Depends on condition of surface and applied film thickness.
Pail: 63 m² at 185µm d.f.t. per coat.

STORAGE

24 months in intact package, at room temperature 23°C with 65% R.H, protected from direct sunlight and freezing.

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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