



## KEIM CONCRETAL C

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### 1. Product Information

Acrylic resin bound paint for use on concrete surfaces. Offers water repellency, high carbonation protection, vapour permeability and lightfast colour pigmentation. Keim Concretal C is made using pure inorganic fillers and pigments. The product is solvent free.

### 2. Field Of Application

For use on most concrete surfaces and mineral substrates.

### 3. Product Characteristics

Keim Concretal C protects concrete from aggressive atmospheric pollutants. It acts as an increased carbonation protection with good water vapour permeability.

- Water vapour permeable
- Colour fast
- Carbonation protection
- Solvent free
- Highly oblitative

### Material Data:

Resistance to carbonation:

$$s_d(\text{CO}_2) = 200 \text{ m}$$

Resistance to vapour diffusion:

$$s_d(\text{H}_2\text{O}) = 0.1 \text{ m}$$

Density: 1.32 g/cm<sup>3</sup>

Water Absorption Co-efficient:

$$W24 = 20 \times 10^{-3} \text{ kg/m}^2 \text{ h}^{0.5}$$

Finish: Matt

Colour: 350 standard colours according to the Keim Palette with specials available

### 4. Application

#### Substrate Preparation:

Preparation should be carried out in accordance with the project specification. Any loose and flaking material should be removed using broad bladed scrapers and wire brushes to get back to a sound edge. Any gloss painted areas should be thoroughly flatted down with emery paper to create a good key.

All surfaces must be thoroughly washed down with clean cold water to remove all surface dirt and dust. When all surfaces are clean, sound, wind dry, dust free and free from all surface contaminants, decoration using Keim Mineral Paints may proceed.

#### Decoration:

We would advocate a two coat Keim Concretal C system, the first coat to be Keim Concretal C in the chosen colour thoroughly mixed beforehand using a mechanical mixer, applied undiluted, by brush or roller and worked well into all surfaces. After a minimum period of 12 hours a final coat of Keim Concretal C shall be applied in a like manner. A wet edge should be maintained at all times during application and contractors should work to a natural break line.

Air and surface temperature >5°C

#### Consumption:

Approx. 0.4 kg/m<sup>2</sup> for two coats, undiluted.

Consumption rates are offered for guideline purposes only and are quoted for smooth rendered surfaces. Actual rates are the responsibility of the applicator. Project specifications should be referred to for specific rates.

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**Tools:**

Clean immediately after use with water.

**5. Packaging**

5 & 20 kg containers

**6. Storage**

Approx. 12 months, if kept cool, but frost free in tightly closed containers.

**7. Identification Ref Ordinance  
Of Dangerous Materials**

Not applicable

**8. Danger Class In Goods traffic**

Not applicable

**9. Safety Instructions**

Cover surfaces which are not to be painted, in particular glass, natural stone, ceramics etc. Protect the eyes and skin from splashes. Keep out of reach of children.

Refer to COSHH data sheet.



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