



## KEIM CONCRETAL AY PLUS

### 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 AY Plus 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 AY-Plus protects concrete from aggressive atmospheric pollutants. It acts as a 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:

$$1.32 \text{ g/cm}^3$$

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:**

Keim Concretal AY Plus should be applied as a two coat system, the first coat to be Keim Concretal AY Plus applied undiluted by brush or roller, working well into all surfaces. After a minimum period of 12 hours a final undiluted coat of Keim Concretal AY Plus should be applied undiluted in a like manner.

Air and surface temperature  $>5^\circ\text{C}$

#### **Consumption:**

Approx.  $0.4 \text{ kg/m}^2$  for two coats, undiluted.

#### **Tools:**

Clean immediately after use with water.

### 5. Packaging

5 & 25 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 Goodstraffic

Not applicable