

RECKLI[®] CR Type PV

RECKLI CR Type PV

Product 04136

Edition 01/23

concrete surface retarder – positive process

PROPERTIES

RECKLI CR Type PV is an aqueous concrete surface retarder, ready to use, for the manufacture of exposed aggregate concrete by positive process. Yielding various elutriation depths, the following grades are available:

RECKLI CR Type PV

| grade | colour | grain size | elutriation depth |
|-------|-------------|-------------|-------------------|
| Nano | beige | 0 - 3 mm | approx. 0,1 mm |
| Micro | turquoise | 0 - 3 mm | approx. 0,2 mm |
| 01 | blue | 0 - 4/8 mm | approx. 0,5 mm |
| 02 | brown | 2 - 4/8 mm | approx. 1,0 mm |
| 10 | green | 4 - 8/10 mm | approx. 2,0 mm |
| 25 | yellow | 6 - 8/10 mm | approx. 2,5 mm |
| 50 | red | 8 - 16 mm | approx. 3,0 mm |
| 80 | grey | 8 - 16 mm | approx. 4,0 mm |
| 100 | mustard | 12 - 16 mm | approx. 5,0 mm |
| 130 | white | 12 - 16 mm | approx. 5,5 mm |
| 180 | brown | 16 - 22 mm | approx. 6,0 mm |
| 200 | orange | 18 - 25 mm | approx. 6,5 mm |
| 300 | red-violet | 18 - 25 mm | approx. 7,0 mm |
| 400 | blue-violet | 18 - 25 mm | approx. 7,5 mm |

The elutriation depths are typical guide values and depend on the cement class, the water/cement value, the shape of aggregates and the grain-size distribution. To determine the most appropriate grade, please contact our application engineers.

RECKLI CR Type PV is free from solvents (according to TRGS 610). The elutriation water of concretes retarded with RECKLI CR Type PV is comparable to the washing water formed when cleaning concrete mixers.

APPLICATIONS

RECKLI CR Type PV is suitable for all concretes that are elutriated by the positive process, such as paving, panels, palisades, planters or in-situ concrete.

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MODE OF ACTION

The reactive contents of RECKLI CR Type PV penetrate the fresh concrete to a specific depth depending on the chosen grade, thus suppressing the concrete's setting. Elutriation is usually possible after 1 to 3 days.

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TECHNICAL DATA

| property | value |
|--------------------|--------------------------------------|
| composition: | aqueous, solvent-free, ready for use |
| colour: | depending on grade |
| elutriation depth: | depending on grade |
| flammability: | non-flammable |
| density: | approx. 1 g/cm ³ |
| pH value: | 2,5 – 3,5 |

These data are typical guide values. They are not destined for the generation of specifications.

PROCESSING

Before processing, RECKLI CR Type PV must be stirred up thoroughly. It is supplied ready for use and must not be diluted. RECKLI CR Type PV is applied evenly and well-covering immediately after the concrete has been spread and smoothed or possible puddles have vanished. Most suitable for the application is an airless sprayer. When using a conventional sprayer, ensure the pressure is not too high. The elutriation is possible after the concrete's setting, usually after one but not more than three days.

CONSUMPTION

Approx. 250 g/m², depending on the desired effect.

PACKAGING SIZES

cans: 25 kg

STORAGE

Store in a dry place at room temperature. Do not store above 35 °C. Protect from frost. RECKLI CR Type PV is storable for 12 months from the date of manufacture when kept in the closed original packaging. Opened drums must be closed airtight right after use.

SAFETY

Protect skin and eyes from material splashes. Please consult the relevant safety data sheet and attend to the indications on the label of the package regarding the Dangerous Goods Regulation. This pamphlet is intended solely as an application

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directive. It does not claim to be binding and valid for all modes of application. A preliminary test under operation conditions is highly recommended.

This pamphlet replaces all previously published pamphlets concerning RECKLI CR Type PV, stating them as no longer being valid.

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