



CR TYPE PV

Surface Retarder



Concrete surface retarder - positive process

Properties

CR TYPE PV is an aqueous, uniform-acting positive surface retarder, which is available for different washout depths in the following grades:

CR Type PV	Color	Additive Size	Washout depth
PV/Mikro	Turquoise	0-3 mm	approx. 0,2 mm
PV/01	Blue	0-4/8 mm	approx. 0,5 mm
PV/02	Brown	2-4/8 mm	approx. 1,0 mm
PV/10	Green	4-8/10 mm	approx. 2,0 mm
PV/25	Yellow	6-8/10 mm	approx. 2,5 mm
PV/50	Red	8-16 mm	approx. 3,0 mm
PV/80	Gray	8-16 mm	approx. 4,0 mm
PV/100	Mustard yellow	12-16 mm	approx. 5,0 mm
PV/130	White	12-16 mm	approx. 5,5 mm
PV/200	Orange	18-25 mm	approx. 6,5 mm
PV/300	Purple	18-25 mm	approx. 7,0 mm

The washout depths are guide values and depend on cement class, w/c ratio, aggregate grain size and fines content. We will be pleased to advise you in determining the suitable type. CR TYPE PV does not contain any solvents (as defined by TRGS). The wash-out water of concretes retarded with PV is comparable to the water produced during the cleaning of concrete mixers.

Applications

RCT-CR-PV is suitable for all concretes to be positively washed, such as palisades, pavers, slabs, in-situ concrete surfaces, etc.

Mode of action

Depending on the type selected, the reactive components of CR TYPE PV diffuse into the concrete to a certain depth and prevent it from hardening in this area, so that it can usually be washed out after one to three days.

CR TYPE PV must be matched to the cement used, the cement quantity and other parameters influencing the leaching depth. (temperatures, air circulation, humidity).

Processing

RCT PV must be stirred well before each use. After the concrete has been stripped and smoothed, it is applied in a single coat to the absolutely fresh concrete as soon as any puddles of water have evaporated. An airless sprayer is best suited for this purpose. If a conventional sprayer is used, the pressure must not be too high.

Washing out takes place after the concrete has hardened, usually one to a maximum of three days after application.

Technical data

- aqueous, solvent-free, ready for use, colored according to the wash-out depth
- non-flammable
- density: 1 g / cm³
- pH value: 3 ± 0.5

Consumption

Depending on the application approx. 250 g/m².

Packaging

25 kg canister

Storage

Protect from frost, store below +35 °C.

Shelf life

Shelf life 12 months unopened.

Protective information

Please also refer to the safety data sheet.