

# CHROMODEN PR 35

Chromoden®



## TYPE OF PRODUCT

CHROMODEN PR 35 is a two-component, solvent free primer based on an epoxy resins.

## APPLICATION AREA

CHROMODEN PR 35 is used for:

- Moisture control – for cementitious substrates with a moisture content up to 4% CM.
- Substrate consolidation – on concrete, cement and anhydrite screeds and refurbished substrates
- Adhesion

## CURING SPEED

10-12 hours under the normal conditions.

When Chromoden PR 35 is left for more than 36 hours, the surface must be thoroughly cleaned and checked for any defects before proceeding with wood flooring.

## MASS DENSITY

1100 kg/m<sup>3</sup>

## POT LIFE

30 minutes at 20 °C

## SURFACE PREPARATION

Substrate must be clean, free from dust, oil and grease. Weak areas, voids cement laitance must be removed back to a sound substrate. The instructions of the screed floor manufacturer must be complied with.

Concrete/ cementitious screed – Must be ground and thoroughly cleaned by vacuum. Anhydrite screed/ anhydrite flowable screeds - Must be ground and thoroughly cleaned by vacuum shortly before coating. Mastic asphalt – Must be broadcast to excess and cleaned by vacuum. On fibre reinforced concrete any exposed fibres must be burnt off the surface.

During application and until Chromoden PR 35 has fully cured the substrate temperature must be > 10 °C and when used with under floor heating < 30 °C.

## SUBSTRATE HUMIDITY

Permissible substrate moisture content:

- 4% for cementitious screed
- 0,5 % for anhydrite screed

Last update: 06.10.2021

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## APPLICATION INSTRUCTIONS

Chromoden PR 35 (component A and component B) should be well stirred before use. Add part A to part B (part A: part B - 6,5:3,5) using an electric stirrer at a low speed (300-400 rpm). A minimum mixing time of 3 minutes shall be observed until a homogeneous mix has been achieved. Apply Chromoden PR 35 uniformly to the substrate using a roller (medium pile 12-14 mm), ensuring that a continuous coat is achieved over the entire surface (gives a mirror like finish). A waiting time of minimum 12 hours and maximum 36 hours must be observed between coats of Chromoden PR 35. In order to ensure a good adhesion between the adhesive and the primer, use quartz sand.

Lower substrate temperatures and/or higher humidity could extend the drying time. In order to avoid a local saturation do not pour the product directly on the surface. After use wash tools immediately with clean water. Any remaining residues once dry have to be removed mechanically or with Chromoden R 14. Attention: Chromoden R 14 is flammable.

## APPLICATION TEMPERATURE

Best applied at the temperature between +18 °C and +25 °C and a relative humidity below 65%.

Do not apply Chromoden PR 35 at substrate temperature lower than +15 °C.

Chromoden PR 35 is not recommended for external applications or where rising damp is present.

## SPREADING RATE

0,40-0,60 kg/m<sup>2</sup> – dependent on the absorbency of the substrate.

0,25-0,35 kg/m<sup>2</sup> - broadcast mastic asphalt

## PACKAGING

Tin plate container à 6,5 kg – component A

Tin plate container à 3,5 kg – component B

## STORAGE

In dry and good ventilated space at temperatures from +5 °C to +30 °C.

Shelf life: 24 months. Keep from direct sun light.

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