

Priming coat complying  
with DIN 18 195

# Ceresit

# CP 41

## Bitumen Emulsion

Priming coat for bituminous thick coatings

### CHARACTERISTICS

- ▶ water-dilutable concentrate
- ▶ solvent-free
- ▶ active adhesion
- ▶ resistant to naturally occurring aggressive substances

### SCOPE OF USE

CP 41 is a solvent-free special emulsion based on bitumen. It is used as a priming coat for bituminous thick coatings (KMB) and can be applied on mineral and old bituminous substrates both indoors and outdoors.

### SUBSTRATE PREPARATION

Only apply CP 41 on level, solid, load-bearing, clean and dry or slightly damp substrates.

- Existing load-bearing, bituminous substrates must be brushed off and freed from dust.
- The base slab projection and the base slab front must be cleaned very thoroughly and freed from dirt and mortar residues.

#### 1. Damp and wet substrates

##### Outdoors:

The substrate must be sufficiently absorbent and not too damp so that the priming coat can be partly soaked up by the substrate. Wet substrates, recognizable by a visible darkening in colour and/or a moisture film on the surface, must be waterproofed with CR 65 Sealing Slurry approx. 4 days before applying CP 41.

##### Indoors:

Especially with brick-built cellars it frequently happens that the bottommost row of bricks gets completely soaked during the construction phase by water pooling on the base slab inside the cellar. Therefore apply a prior waterproofing coat of CR 65 Sealing Slurry on the inner side of the cellar.

Only apply a slurry coat on the bottommost row of bricks.



#### 2. Uneven brickwork

Carefully brush off the substrate and apply an appropriately diluted priming coat of CP 41. In order to avoid the formation of bubbles in the waterproofing coat, mortar joints of 2 to 5 mm, plaster ridges on bricks, voids and blowholes in concrete as well as large-pored substrates must afterwards be scratch-rendered with a Ceresit bituminous thick coating. Mortar pockets, cracks or other damage and mortar joints > 5 mm must be filled with mortar of mortar group II / III. Larger defects should be repaired with CT 23 Repair Mortar before priming the area with CP 41. In the case of brickwork with numerous projections and cavities, the wall area should be smoothed over with a levelling render made of cement mortar.

#### 3. Preparation of inner and outer wall corners and edges

Cove inner corners and wall/foundation interfaces with a hollow mould produced with CT 23 Repair Mortar

(radius 4 cm). Cut off resp. chamfer all edges at an angle of less than 45°.

## APPLICATION

Briefly stir CP 41 and then dilute it with water depending on the absorbency of the substrate (see "Technical Data"). Mix thoroughly. Apply a uniform priming coat to the prepared substrate either by brush or by spraying. Only apply the bituminous thick coating after the CP 41 coat has fully dried. Please contact us for recommendations concerning the machine application of CP 41.

## PLEASE NOTE

Make sure to observe the following technical information:

- Safety Data Sheet
- special information issued by the Builders Trade Association on GISCODE BBP 10
- Technical Data Sheets of other Ceresit products
- Guideline for the planning and execution of waterproofing with plastic-modified bituminous thick coatings (KMB)
- DIN 18 195 "Waterproofing of buildings and structures"
- National Test Certificates  
P-59.015 MPA Karlsruhe, P-59.001 MPA Karlsruhe,  
P-59.004 MPA Karlsruhe

Please refer to the Safety Data Sheet for safety advice and instructions for disposal.

**Should you need support or advice, please consult our advisory service for architects and craftsmen on the hotline numbers**

**Phone: +49 211 797 0**

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## TECHNICAL DATA

Material base: Aqueous bitumen emulsion

Density: 1.0 kg/l

Application temperature:

- Substrate and air +1 °C to +40 °C  
- CP 41 material +3 °C to +30 °C

Drying time

before continuing work<sup>\*\*</sup>: + 3 °C: approx. 120 minutes  
+10 °C: approx. 60 minutes  
+20 °C: approx. 30 minutes

Required amount:

	Substrate highly absorbent	Substrate slightly or non-absorbent
Mixing ratio CP 41 : Water	1 : 2	1 : 5
Required amount of CP 41 concentrate:	50-70 g/m <sup>2</sup>	10-20 g/m <sup>2</sup>
Required amount of the mixture:	150-200 g/m <sup>2</sup>	50-100 g/m <sup>2</sup>

Temperature resistance

for transport and storage: 0 °C to +40 °C. Protect from frost and direct sunshine.

Shelf life:

Approx. 9 months if stored tightly closed in a cool and dry place. Use up opened containers as quickly as possible.

<sup>\*\*</sup> Depending on ambient temperature, air humidity and substrate, drying is either accelerated or delayed.

Apart from the information given here it is also important to observe the relevant guidelines and regulations of various organisations and trade associations as well as the respective standards of the German Standards Institute (DIN). The aforementioned characteristics are based on practical experience and applied testing. Warranted properties and possible uses which go beyond those warranted in this information sheet require our written confirmation. All data given was obtained at an ambient and material temperature of +23 °C and 50 % relative air humidity unless specified otherwise. Please note that under other climatic conditions hardening can be accelerated or delayed.

The information contained herein, particularly recommendations for the handling and use of our products, is based on our professional experience. As materials and conditions may vary with each intended application, and thus are beyond our sphere of influence, we strongly recommend that in each case sufficient tests are conducted to check the suitability of our products for their intended use. Legal liability cannot be accepted on the basis of the contents of this data sheet or any verbal advice given, unless there is a case of wilful misconduct or gross negligence on our part. This technical data sheet supersedes all previous editions relevant to this product.

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