

CT 48

Silicone paint

Hydrophobic, vapour permeable paint for buildings' façades and interiors



CHARACTERISTICS

- ▶ manufactured in more than two hundred colours
- ▶ excellent vapour permeability
- ▶ especially resistant to dirt
- ▶ UV resistant
- ▶ resistant to weather conditions
- ▶ resistant to biological corrosion
- ▶ easy to use

SCOPE OF USE

Ceresit CT 48 is used for protecting façades, concrete constructions, interiors. It can be applied on the mineral substrates (concrete, cement plasters, lime-cement plasters and lime plasters) that have never been painted before. This paint can be used for painting Ceresit: CT 35, CT 36 and CT 137 mineral plasters, Ceresit: CT 60, CT 63, CT 64 acrylic plasters, Ceresit: CT 72, CT 73 silicate plasters as well as silicone plasters Ceresit: CT 74, CT 75 applied on traditional substrates and within Ceresit ETICS (External Thermal Insulation Composite Systems) with the application of EPS-boards (Expanded Polystyrene boards) and mineral wool boards. The structure of the coating ensures fast moisture evaporation from the substrate and at the same time creates an efficient protection against the substrate moisture and humidity. The binder used in the paint CT 48 causes pearl like effect of water after wetting the coat. It is highly recommended to use CT 48 in historical objects, on the renovation and aerated plasters as well as on all the surfaces where aesthetic qualities and duration of the coating is required. The façades covered with the paint CT 48 can be washed with washing devices operating under low pressure. The exposure of the façade to the sun causes dangerous tensions, therefore dark colours should be used only on small areas, e.g. architectural details.

SUBSTRATE PREPARATION

The paint CT 48 may be applied on carrying, smooth, dry and clean substrates (free from any substances that decrease adhesion such as grease, bitumen, dust):



- concrete (age over 28 days)
- traditional cement plasters, lime-cement plasters and lime plasters (age over 14 days),
- thin-layer mineral and mineral-polymer plasters (age over 7 days),
- thin-layer acrylic, silicone and silicate-silicone plasters (age over 3 days),
- gypsum substrates (only inside the buildings) with the humidity below 1%, firstly primed with Ceresit CT 17,
- gypsum cardboards, gypsum-fibre boards (only inside the buildings), fixed according to the recommendations of the board manufactures, firstly primed with CT 17,
- strong paint coats with good adhesion to the substrate.

Firstly uneven and damaged substrates should be repaired. Plaster filler Ceresit CT 29 can be used for repairs. It is recommended to check the strength of the existing mineral layers. The existing dirt, layers of low strength, lime and adhesive paint coatings as well as the remainders of wall paper or glues should be completely removed. It is recommended to use washing

devices. After being washed with water, the substrate should dry.

APPLICATION

Before the paint application, the content of the container should be carefully stirred by means of the drill with a mixer for about 2 minutes. Usually it is sufficient to paint twice. Between the application of the subsequent layers at least 12- to 24-hour technological breaks should be maintained. CT 48 should be applied by means of a brush, roller or a spraying device. It is important to apply the paint evenly. If there is such a need, it is possible to add not more than 5 % of water and stir carefully. Use only stainless containers and tools. Work on one surface should be carried on without any breaks using the paint of the same badge number printed on each packaging or the content of containers with different badge numbers should be mixed together. The area not to be painted, e.g. windows, doors should be protected (e.g. with foil). Bushes, other plants, etc. should be protected as well. Any stains should be immediately rinsed with water. Tools should be washed carefully with water directly after being used.

PLEASE NOTE

Application should be performed in dry conditions with the ambient and substrate temperature ranging from +5 to +25 °C and the humidity below 80 %. All the data refer to the temperature of +20 °C and relative humidity of 60%. Faster or slower drying of this product may occur in different conditions. The paint may cause decolouration impossible to be removed on glass, ceramic, wooden, metal and stone surfaces, therefore all the elements in contact with CT 48 should be protected. Skin and eyes should be protected. Protective gloves and glasses should be worn while applying the paint. Stains should be carefully rinsed with water. In case of contact with eyes, they should be rinsed with water and the general practitioner should be consulted. This product should be stored out of reach of children.

OTHER INFORMATION

This paint should not be applied on highly insulated surfaces. This product should not be mixed with other paints, pigments or binders. The façade should be protected against rain until the paint dries completely. It is recommended to use scaffolding protection. The opened container should be carefully closed and its content should be used as soon as possible. This tech-

nical data sheet determines the scope of application of the material and the way of conducting the work, however, it cannot replace the professional preparation of the contractor. Apart from the data provided, the application should be done in compliance with the construction and industrial safety regulations. The manufacturer guarantees the quality of the product, however, he does not have any influence on the condition and the way of application. In case of any doubts, individual application trials should be conducted. The previously issued technical data sheets become invalid with the issue of this technical data sheet.

STORAGE

Up to 12 months since the production date when stored in cool conditions and in original undamaged packages. **Protect against frost!**

PACKAGING

Plastic containers of 15 l.

TECHNICAL DATA

Base:	modified silicone and acrylic resins with fillers and pigments
Density:	approx. 1.45 kg/dm ³
Temperature of application:	from +5 to +25 °C
Resistance to rain:	after approx. 3 h
Vapour permeability:	S _d = 0.025 m
Anticipated consumption:	depending on the smoothness and absorption of the substrate, on average approx. 0.3 l/m ² with two coatings

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

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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. 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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