CT 42

ACRYLIC ELASTIC

Acrylic paint

Acrylic paint to paint buildings' facades and interiors

CHARACTERISTICS

- low water absorption
- damage resistant
- resistant to weather conditions
- BioProtect formula - resistant to the development of fungi, algae and mould
- available in full palette of Ceresit Colours of Nature®

BioProtect FORMULA

Colour System: WATER, SAND, EARTH, FOREST

CERESIT C_CT42_TDS_1_0819

SCOPE OF USE

Ceresit CT 42 is used for protecting facades, concrete constructions, interiors. It can be applied on the mineral substrates (concrete, cement plasters, lime–cement plasters and lime plasters). CT 42 can be used for painting Ceresit CT 34, CT 35 and CT 137 mineral plasters, Ceresit CT 60, CT 63, CT 64 acrylic plasters applied on traditional substrates and within Ceresit ETICS (External Thermal Insulation Composite Systems). The facades covered with the paint CT 42 can be washed with washing devices operating under low pressure. The exposure of the facade to the sun causes dangerous tensions, therefore dark colours should be used only on small areas, e.g. architectural details. BioProtect formula gives effective and durable protection of the facade from biological contamination, e.g. fungi, mould, and algae. Due to special capsules with biocide agent, release of substances is under control and ensures long lasting effect.

SUBSTRATE PREPARATION

The paint CT 42 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 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 manufacturers, 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 with the use of CT 98 agent for removing impurities. 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 a drill with a mixer for about 2 minutes. Usually it is sufficient to paint twice. Between the application of the subsequent layers the 4- to 6-hour technological breaks should be maintained. CT 42 should be applied by means of a brush, roller or a sprinkling device. It is important to apply the paint evenly. If there is such a need, it is possible to add not more than 10% of water and stir carefully.

Neither rusty containers nor tools should be used. 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. Application with spray machine using pressure machines e.g. Wagner PS 22 or PS 30, nozzle 517, pressure 160-200 bar, performance of machine 12 l/min. 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 °C to +25 °C and the humidity below 80 %. 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 42 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 strongly sunny surfaces. The facade should be protected against rain until the paint dries completely. It is recommended to use scaffolding protection. Do not mix with other paints, pigments and binders. Do not apply paint to the substrate with increased alkalinity (eg. fresh mineral plaster, mineral substrates), it may cause adverse alkaline effects on the paint coat and pigments.
The opened container should be carefully closed and its content should be used as soon as possible. This technical 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.

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.

PACKAGING

Plastic containers of 15 l.

TECHNICAL DATA

Base:	dispersion of acrylic resins with mineral fillers and pigments
Density:	approx. 1.4 kg/dm^3
Temperature of application:	from +5°C to +25°C
Resistance to rain:	after approx. 12 h
Resistance to scrubbing acc. DIN 53778-2:	> 20000 cycles the layer
Water absorption acc. EN 1062-1:	cat. W3, w ≤ 0,1 [kg/m^{2}h^{0,5}]
Water vapour permeability acc. EN 1062-1:	cat. V2, 0,14 ≤ Sd<1,4 m
Shine acc. EN 1062-1:	cat. G3, mat
Grain size acc. EN 1062-1:	<100 µm, cat. S1
Dry layer thickness acc. EN 1062-1:	cat. E2, 50-100 µm
Assess the degree of blistering acc. EN 1062-1:	lack
Evaluation of the cracks acc. EN 1062-1:	cat. 0, lack
Assessment of the degree of exfoliation acc. EN 1062-1:	cat. 0, lack
Fire classification acc. EN 13501-1: B – s1, d0 in: Ceresit Ceretherm Popular, Ceresit Ceretherm Classic, Ceresit Ceretherm Premium, Ceresit Ceretherm Universal EPS, Ceresit Ceretherm Universal XPS	
pH:	aprox. 8,5
Assumed consumption:	depending on the smoothness and absorption of the substrate, on average approx. 0.3 l/m^2 with two coatings

Shelf life/ Storage: up to 12 months since the production date when stored in cool conditions and in original undamaged packages.
Protect against frost! Protect against direct sunlight!

This product possesses documents of reference:
- BBA Certificate No. 14/5142
- Irish Agrement Board Certificate No. 09/0340

- European Technical Assessment (ETA) in systems:

Ceresit Ceretherm System	Popular	Classic	Premium	Universal EPS	Universal XPS	Universal MW
ETA	08/0309	09/0014	08/0308	13/0535	13/0807	14/0127
Certificate	1488-CPR-0382/Z	1488-CPR-0439/Z	1488-CPR-0363/Z	1488-CPR-0457/Z	1488-CPR-0456/Z	1488-CPR-0362/Z
DoP	00426	00420	00428	00433	00434	00435

- National Technical Assessment in systems:

Ceresit Ceretherm System	Reno
NTA	ITB-KOT-2018/0472 wydanie 1
Certificate	020-UWB-0895/Z
NDoC	00444

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Quality for Professionals

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