

CX 10

UNIVERSAL

PU adhesive

Ready-to-use, quick-drying PU adhesive with good adhesion to the typical construction substrates

CHARACTERISTICS

- ▶ Does not require the use of power tools water and specialist devices
- ▶ Low-pressure and highly efficient
- ▶ Universal adhesive
- ▶ Ready to use
- ▶ Eliminates thermal bridges
- ▶ The highest grip and bonding strength
- ▶ Precise and strong bonding after 2 hours



SCOPE OF USE

- Indoor and outdoor.
- Replaces traditional cement mortar in the making partition walls.
- On horizontal and vertical surfaces.
- Fastening, gluing elements from materials such as blocks made of aerated concrete, wood, OSB boards, gypsum boards, polystyrene, bituminous coatings, glass, galvanized sheet, sheet metal coated with polyester coating and others.

EXAMPLES OF APPLICATION

- It successfully replaces traditional cement mortar when making partitions.
- Installation of plasterboard, OSB.
- Installation of window sills.
- Installation of treads and risers on stairways.
- Installation of wooden slats masking the frames.
- Bath construction.
- Many other.



TDS No CX10 07.2020

SUBSTRATE PREPARATION

Ceresit CX 10 has very good adhesion to compact, load-bearing substrates free from fats, dusts and other reducing substances adhesion.



Cleaning the substrate

Aerated concrete blocks must be dry. Other substrates may be moist, but when used at reduced temperatures, they may not be covered with frost, ice or snow. Contaminants, remains of anti-adhesive substances and coatings with low adhesion to the substrate should be completely removed, e.g. by means of pressure washers.

APPLICATION

The temperature of the can should be between + 5°C and + 30°C. Before use, it is recommended to store the foam container for 12 hours at room temperature. Before application, shake container vigorously approx. 20 times, remove the can protection valve and screw on the gun.



Mounting the gun on a can

Please note! The gun valve should be turned off. After screwing the foam container, you can open the gun valve and release the foam by pressing the trigger. For applying always turn the can upside down. The application rate is controlled by the trigger of the gun. During application, regularly mix the content of the can by shaking. It is not recommended to remove the can from the gun before it is completely emptied. If the application is interrupted, leave the can attached to the gun, with valve shut off, otherwise clean the gun with the Ceresit TS 100 Premium Cleaner.

BRICKWORK

(meeting the requirements of ETA-13/0639)

1. If the substrate for the first layer is uneven, level it with cement mortar.
2. Apply 1-2 coiled adhesive strips 2-3 cm in diameter along the edge of the block (horizontal and vertical) at a distance of 3-5 cm from its edge. In the case of a block smaller than 11.5 cm thick, one strip should be used.

3. Place and fix the blocks max. 3 minutes after applying and gently hammer to provide proper leveling and stability of bonding.
4. The correction time of the block setting is 1 minute, in the case of this deferred time and the removal of the block, the adhesive should be applied again.
5. After carrying out each layer, its level should be checked.
6. The next steps, such as plastering, can be started after 2 hours.



Foam application during joining of aerated concrete blocks

Please note! Do not use to connect blocks with a dimensional tolerance of > 1 mm and irregular shape. Do not use for carrying walls, only for partition walls FIXING PANELS e.g. GYPSUM BOARDS or OSB PANELS.

1. Apply parallel strips of glue 2-3 cm in diameter, keeping the distance of 15 cm between them, along the vertical edge of the board (keeping 5 cm from the edge).



Foam application on the board

2. After carefully setting the plate, press for 5 minutes and then wait for 2 hours. for full binding of the material.

ASSEMBLING THE SILLS

1. Apply 1-2 parallel strips of adhesive 2-3 cm in diameter along the long edge of the substrate (maintaining 3-5 cm of edge distance).



Foam application for window sill installation

2. After adjusting the window sill, it should be stabilized for 45-60 minutes. Setting up the window sill and its stabilization



Window sill installation and stabilization

INSTALLING STAIRS

1. Apply parallel adhesive strands 2-3 cm in diameter, maintaining a distance of 10-15 cm between them.



Foam application for mounting stairs

2. After exact positioning, stabilize them for 45-60 minutes.



Setting the treadmill and stabilizing it

NOTE

Work should be carried out at ambient and substrate temperatures between + 5°C and + 35°C. Hardened foam should be protected against UV radiation by covering with plaster, paint, etc.

Road transport: Wrap the container in the material and secure it in the trunk, never in the passenger cabin. Fresh fouling with foam can be washed off with Ceresit TS 100 Premium Cleaner or acetone, and the hardened foam can only be removed mechanically.

Ceresit CX 10 contains substances harmful to health. Use protective glasses and gloves. While working, do not smoke or eat, do not work near an open flame or heat because of the flammable gas contained in the package.

If you feel unwell, you should immediately consult a physician. The container contains compressed, flammable gas, therefore it must be protected from heating above + 50°C. The container must not be punctured or thrown into fire. Keep away from children.

STORAGE

Shelf life: 15 months from the date of manufacture placed on the bottom of the container. Store and transport in a standing position, in cool and dry conditions, at a temperature of + 5°C to + 25°C. It is allowed to store single cans with foam in a horizontal position (protect against falling from the shelf).

PACKAGING

Can 850 ml

TECHNICAL DATA

Adhesive density:	about 20 kg / m ³
Tack free time:	5-9 min
Open time:	25 min
Curing time:	about 2 hours
Curing pressure:	<10 kPa
Post expansion:	40%
Application temperature:	from + 5°C to + 35°C
The temperature of the can during use:	from + 5°C to + 30°C
Temperature resistance bound foam:	from -40°C to + 90°C (temporarily up to + 120°C)
Reaction to fire:	class E according to EN 13501 (gap ≤ 10 mm)
Adhesion:	to concrete ≥ 0.3 MPa for styrofoam ≥ 0.15 MPa for ceramic tiles ≥ 0.3 MPa for OSB ≥ 0.3 MPa for glass ≥ 0.3 MPa for wood ≥ 1.0 MPa
Consumption:	GB or OSB up to 12 m ² concrete blocks up to 10 m ²

The product has the following reference documents:
European Technical Approval No. ETA-13/0693,
Declaration of Performance No. 00142.

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

Apart from the information given in this technical data sheet, it is also important to observe the relevant guidelines and regulations of various organizations and trade associations as well as the applicable DIN standards. Works should be carried out in dry conditions, with ambient and substrate temperature from +5°C to +35°C. All data refer to the temperature of +23°C and relative air humidity of 50%. In different conditions, the material parameters can alter.