

CL 82

»ULTRATAPE«

Waterproofing tape with very high chemical resistance

High safety due to tested system components for critical connections:

CL 83 ULTRATAPE Wall Piping Collar, CL 84 ULTRATAPE Floor Piping Collar, CL 86/87 ULTRATAPE Inner/Outer Corner Element

CHARACTERISTICS

- ▶ Resistant to chemicals
- ▶ Watertight
- ▶ High elasticity
- ▶ Permanent adhesive bond
- ▶ Resistant to ageing

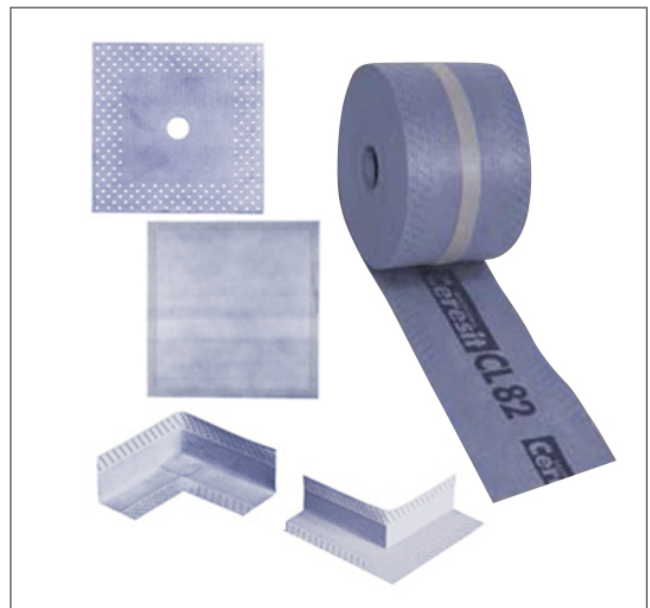


SCOPE OF USE

CL 82 is used for the permanently watertight bridging of expansion and edge joints, pipe penetrations, floor drains and room corners. It is used in combination with other Ceresit waterproofing products (e.g. flexible slurries or epoxy resins) under ceramic tiles and slabs. CL 82 is suitable for indoor and outdoor use and for use on walls and floors.

Especially suitable for heavy-duty applications and critical connections in residential and industrial buildings. Typical areas of application are for example terraces, balconies, arcades, wet rooms, commercial kitchens, swimming pools, laboratories and areas of the food industry.

Tested as part of a system together with the waterproofing products CL 50, CL 51, CR 72 and CL 72. The bond breaker strip on the rear side of the tape provides additional safety. It prevents adhesion of the tape on more than two sides of the joint which may cause potential damage. The elastic tape is thus able to safely absorb movement in the joint and to prevent the formation of sound bridges between structural components.



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SUBSTRATE PREPARATION

Make sure to follow the instructions for use of the respective Ceresit products.

APPLICATION

Apply a suitable Ceresit waterproofing product (e.g. slurry or epoxy resin) on the wall or floor according to the instructions of the Technical Data Sheet (observe the specified working time and pot life). After that, embed CL 82 ULTRATAPE into the waterproofing product.

For this purpose, unroll a suitable length of tape and place it without folds into the fresh waterproofing layer. Firmly press down the perforated edge with a trowel or float so



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that the tape is completely embedded into the waterproofing product. The coated bond breaker strip on the rear side of the tape not also prevents adhesion of the tape to the waterproofing product (no three-sided adhesion), but also the transmission of sound.

When connecting the tape strips or when covering the corner elements with tape, the tape must overlap by at least 5 cm. However, do not cover the tape completely with the waterproofing product so that its elasticity and uncoupling function are retained. In corners, use the system components CL 86 and CL 87 together with the waterproofing tape. First, press the pre-shaped corner elements into the waterproofing product and then apply the tape with an overlap of at least 5 cm. In the overlapping area, remove the rear strip of CL 82, apply the waterproofing product on the corner element and press the tape down until the perforated edge area is completely covered.

Place the piping collars over and around the pipe penetration or floor drain and embed the perforated edge areas into the waterproofing product. During the construction activities, protect the finished waterproofing layer (including CL 82 ULTRATAPE) against mechanical damage. Excess material can be removed within the pot life while still fresh, e.g. with CE 51 Epoclean, but cured material can only be removed mechanically.

PLEASE NOTE

Use CL 82 only in dry conditions and at temperatures of +5 °C to +35 °C. Please refer to the Safety Data Sheet for information on safety and disposal.

OTHER INFORMATION

Should you need support or advice, please consult our advisory service for architects and craftsmen on the **contact information** you will find on **the local Ceresit website**.

Apart from the information given here it is also important to observe the relevant guidelines, regulations and common standards of various organizations and trade associations. The afore mentioned characteristics are based on practical experience and applied testing. Confirmed properties and possible uses which go beyond those listed 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 and that the product itself is subject to local conditions such as amount of water and hardening. A product from another production site may differ.

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 willful misconduct or gross negligence on our part or unless there is a case of personal injury or death or a case of liability under the Product Liability Act.

This technical data sheet supersedes all previous editions relevant to this product. Please be aware that this Technical Data Sheet only relates to a product manufactured in the specific relevant production site.

TECHNICAL DATA

Base: Chemical-resistant elastomer, coated on both sides with polypropylene non-woven

Elongation at break
longitudinal (EN ISO 527-3): 72 %
lateral (EN ISO 527-3): 286 %

Max. tensile strength
longitudinal (EN ISO 527-3): 105 N / 15 mm
lateral (EN ISO 527-3): 27 N / 15 mm

Watertightness
(EN 1928, method B): > 1.5 bar

Chemical resistance: Yes

Dimensions:
CL 82 Width: 120 mm
CL 83 1: 20 x 120 mm,
for pipes of 1/2"
diameter
CL 84: 425 x 425 mm
CL 86 Side length: 118 mm
CL 87 Side length: 118 mm

Application temperature: Between +5 °C to +35 °C

Temperature resistance: -30 °C to +80 °C

Foldability at low temperatures
(EN 1876-1): -30 °C: no cracks

Shelf life: Approx. 24 months if stored in the original packaging in a cool and dry place.



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