CA 22

Fixing tape

Self-adhesive universal sealing tape based on butyl rubber, one-side coated with plastic fabric

CHARACTERISTICS

- ▶ **waterproof**
- ▶ **tear-resistant**
- ▶ **flexible**
- ▶ **self-adhesive**
- ▶ **bitumen-compatible**

SCOPE OF USE

CA 22 is used as an edge and terminal fixing tape in conjunction with surface sealants based on bitumen (e.g. the BT 21 sealing membrane), as terminal and overlapping sealant (e.g. with garages or patios), for sealing and repairing joints, seams, cracks and sheet flashings, as well as for the construction of piping, ventilation systems and glass roofs.
For indoor and outdoor use.

SUBSTRATE PREPARATION

The substrates must be solid, dry and free of oil and dust. CA 22 adheres without primer on all smooth, non-absorbent substrates such as aluminium, zinc sheet, polyester, acrylic glass (Plexiglas®), polycarbonate (Makrolon®), glass or bitumen-based sealing membranes (e.g. BT 21).
To improve adhesion on absorbent mineral substrates, e.g. concrete, fibrous cement, plaster, brickwork or gas concrete, and on overlapping fixing tapes, it is recommended to prime the substrate with BT 26 or CN 94 (undiluted).
Flash-off times depend on temperature and substrate. For further information please refer to the technical information sheets of BT 26 or CN 94.

APPLICATION

After stripping off the release film, CA 22 is applied to the surface and carefully pressed down. Even better adhesion is achieved when using a rubber roller. The fabric-covered side can subsequently be plastered over with mineral plaster of mortar group P III.
In case of outdoor application, the fabric must be painted to protect it against weathering.

PLEASE NOTE

Use CA 22 only in dry conditions and at temperatures of +5 °C to +30 °C (but not in blazing sunshine).
As the CA 22 fixing tape is usually more flexible than paints and plasters, cracks may occur in the applied paints or plasters due to differences in expansion and shrinkage.
Please refer in particular to DIN 18 336, 18 338, 18 195, the DS 325 (AIB), the guidelines for flat roofs and the DUD laying instructions for waterproofing buildings.

Observe the warnings-, safety- and waste disposal advice given in the safety data sheet.

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

Base:	butyl rubber, one-side coated with a plastic fabric
Thickness:	approx. 2 mm
Temperature resistance:	–30 °C to +80 °C
Application temperature:	+5 °C to +30 °C
Water vapour diffusion resistance coefficient μ:	approx. 140 000 (DIN 53 122)
Water-vapour-diffusion-equivalent air layer thickness (sd value):	approx. 280 m (DIN 53 122)
Fire behaviour:	building material class B 2, DIN 4102, T 1
UV resistance:	limited resistance; after 3 months at the latest the tape must be plastered, coated or covered
Colour:	green-grey
Storage:	CA 22 must be transported and stored upright. Prior to use, the fixing tape must be protected against pressure, heat and moisture. At summery temperatures, store CA 22 in a cool place until its application. At low temperatures, store the fixing tape, if possible, in a temperature-controlled place prior to use

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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