

OTTOCOLL®

A 770

Technical Datasheet

1-component acrylic adhesive

For indoor and outdoor application

Characteristic:

- **High adhesive power**
Secure adhesive bonding of OTTO construction connection tapes
- **Can be covered with plaster and painted**
Ready for reworking
- **Frost-resistant -10° C/ up to 48 hours**
Can be stored and transported in temperatures as low as -10 °C for up to 48 hours
- **Not immediately rainproof**

Fields of application:

- Bonding of OTTO Window Tapes BAB-A and BAB-I on masonry, concrete, cellular concrete etc.

Standards and tests:

- Suitable for applications according to IVD instruction sheet no. 30+31+35 (IVD = German industry association sealants)
- French VOC-emission class A+
- Classification according to building certification systems, see the sustainability data sheet

Important information:

Before applying this product the user has to ensure that the materials in the area of contact (solid, liquid and gaseous) are compatible with it and also amongst each other and do not damage or alter (e. g. discolour) each other. As for the materials that will be used at a later stage in the surrounding area of the product the user has to clarify beforehand that the substances of content or evaporations do not lead to an impairment or alteration (e. g. discolouration) of the product. In case of doubt the user should consult the respective manufacturer of the material.

Paints, lacquers, plastics and any other coatings must be compatible to the adhesive/sealant.

With OTTOSEAL® M 360 we offer a hybrid-sealant, which is especially suitable for a soon rainproof bonding of Window Tapes.

Technical properties:

Skin-forming time at 23 °C/50 % RH [minutes]	~ 4 - 10
Shore-A-hardness according to ISO 868	~ 12
Tensile expansion according to ISO 37, S3A [%]	~ 450
Tensile strength according to ISO 37, S3A [N/mm ²]	~ 0,35
Temperature resistance from/to [°C]	- 20 / + 80
Processing temperature from/to [°C]	+ 5 / + 35
Viscosity at 23 °C	pasty, stable
Density at 23 °C according to ISO 1183-1 [g/cm ³]	~ 1,6
Shelf life at 23 °C/50 % RH for cartridge/foil bag [months]	12 (1) (2) (3)

- 1) Frost-free storage
- 2) Temporary storage at - 10 °C possible, but not longer than 48 hours
- 3) from date of manufacture

These data are not suitable for the issue of specifications. Please contact OTTO-CHEMIE before issuing specifications.

Pretreatment:

The adherent surfaces have to be clean, free from dust and grease as well as sustainable. All adherent surfaces must be clean and any contaminant such as release agents, preserving agents, grease, oil, dust, water, old adhesives or sealants and other substances which could affect adhesion, should be removed. Cleaning of non-porous substrates: Apply OTTO Cleaner T (airing time approx. 1 minute) using a clean, lint-free cotton cloth. Cleaning porous substrates: Clean surfaces with steel-wire brush e. g. or a grinding disk to remove loose particles. Absorbent, mineral substrates should be moistened with water to improve adhesion. Additionally the following materials are available to improve the adhesion: for absorbent substrates – compound of acrylic adhesive / water 1:2 – OTTO Primer 1105 for highly absorbent substrates.

Application information:

Apply the adhesive with hand operated- or air-compressed gun onto OTTO Window Tape and press tape onto the substrate within the skin-forming time of the adhesive. Due to the many possible influences during and after application, the customer always has to carry out trials first. Please observe the recommended shelf life which is printed on the packaging. We recommend to store our products in unopened original packagings dry (< 60 % RH) at temperatures of +15 °C up to +25 °C. If the products are stored and / or transported at higher temperatures / air humidity for longer periods (some weeks), a diminution of durability or a change of material characteristics may arise.

Packaging:

	310 ml cartridge
white	A770-04-C01
Packaging unit	20
Pieces per pallet	1200

Safety precautions:

Please observe the material safety data sheet. After curing the product is completely odourless.

Disposal:

Information about disposal: Please refer to the material safety data sheet.

Warranty information:

All information in this publication is based on our current technical knowledge and experience. However, since conditions and methods of use and application of our products are beyond our control, we suggest that you test the product before final use. Information given in this technical data sheet and explanations of OTTO-CHEMIE in connection with this technical data sheet (e.g. service description, reference to DIN regulations etc.) is not to be seen as a warranty. Warranties require a separate written declaration of OTTO-CHEMIE to prove their validity. The characteristics stated in this data sheet define the characteristics of the article broadly and conclusively. Suggestions of use are not to be taken as confirmation of the appropriateness for the recommended intended use. We reserve the right to alter the product, adjusting it according to technical progress and new developments. We are at your disposal both for inquiries as well as specific application problems. If a governmental approval or clearance is necessary for the application of our products, the user is responsible for the obtainment of such. Our recommendations do not excuse the user from the obligation to take into consideration the possibility of infringement of third parties' rights and - if necessary - resolving it. For the rest our general terms and conditions apply, in particular regarding a possible liability for defects. You can find our general terms and conditions on our homepage: <http://www.otto-chemie.de/en/terms-and-conditions>