

OTTOCOLL®**TopFix****Technical Datasheet****Characteristics:**

- 1-component acrylic mounting adhesive
- Solvent-free
- Odourless
- Extremely high initial adhesion and high final strength

Fields of application:

- Bonding of corrosion-resistant metals, e. g. aluminium, stainless steel, anodized aluminium
- Bonding of skirt boards made of wood & PVC
- Bonding of wood and derived wood products, e. g. panels, decorative strips and decorative profiles
- Bonding of stone, natural stone and ceramic
- Bonding of decorative and insulating boards, e. g. made of polystyrene
- Bonding of stucco and ceiling profiles
- Bonding of cable ducts made of PVC
- Bonding of mineral substrates, e. g. concrete
- Bonding of gypsum plasterboards

Standards and tests:

- Conform to LEED® IEQ-credits 4.1 (Indoor Environmental Quality) adhesives and sealants

Important information:

Before applying the adhesive / sealant the user has to ensure that the materials in the area of contact (solid, liquid and gaseous) are compatible with the adhesive / sealant and do not damage or alter (e. g. discolour) them. As for the materials that will be used at a later stage in the surrounding area of the adhesive / sealant 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 adhesive / sealant. In case of doubt the user should consult the respective manufacturer of the material.

Not suitable for the bonding of glass, polyethylene (PE), polypropylene (PP), polyamide (PA), polyfluoroethylene (PTFE), bituminous, waxy or oily substrates or similar.

Not suitable for bondings of acrylic glass.

Not suitable for bonding mirrors

Not suitable for non-corrosion protected metals and non-ferrous metals. May cause corrosion.

After curing the product is completely odourless, physiologically harmless and unmodified.

Technical properties:

Temperature resistance	-20°C up to +80°C
Processing temperature	+5°C up to +35°C
Skin-forming time at 23 °C / 50 % RAH	approx. 10 minutes
Shelf life at 23 °C / 50 % RAH in original, unopened packagings	12 months after production (frost-free storage)
Viscosity (23 °C)	stable, pasty

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

Pretreatment:

The adherent surfaces have to be clean, free from fat, dry and 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.

Application information:

At least one substrate must be absorbent. Apply OTTOCOLL® TopFix in dots or stripes. An all-over application (e. g. with a toothed spatula) is possible. Carry out bonding with OTTOCOLL® TopFix within the skin forming time (approx. 5 minutes). Fix or prop up heavy and highly stressed substrates. Remove adhesive residues with a moistened cloth immediately.

Because of the variety of possible influences while processing and applying customer tests are required.

Please observe the recommended shelf life which is printed on the packaging.

We recommend to store our products in unopened original packagings dry (< 60 % RAH) 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:

Please see the packagings available from stock in our current General Catalogue for Building Products.

Trading unit/Container	Packaging unit	Pieces per pallet
310 ml cartridge	20	1200

Colours:

C194 oyster-white

Safety precautions:

Please observe the material safety data sheet.

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 experiences. However, since conditions and methods of use and application of our products are beyond our control, we suggest you to 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. If you happen to not have our general terms and conditions at hand, we will gladly send them to you upon request. You can also find them on our homepage: http://www.otto-chemie.de/englisch/unternehmen/agb/AGB-Englisch_04-05.pdf