

OTTOCOLL®**TopFix**

Technical Datasheet

**1-component acrylic adhesive**

For indoor application

Characteristic:

- **Solvent-free**
- **Low odour**
Convenient processing
- **Strong starting bonding**
No fixation required
- **Quick-setting**
Fast continued work
- **Grindable and paintable after curing**
Optically adaptation possible
- **Force-locked**
Very high final strength
- **Store and transport frost-free**

Fields of application:

- Bonding of corrosion-resistant metals, e. g. aluminium, stainless steel, anodized aluminium
- Bonding of wood and derived wood products, e. g. panels, skirting boards and decorative strips
- 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 plastics such as PVC (e.g. cable ducts, skirting boards)
- Bonding of mineral substrates, e. g. concrete
- Bonding of gypsum plasterboards

Standards and tests:

- EMICODE® EC 1 Plus - very low emission
- 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:

EMICODE® is a registered trademark of GEV e. V. (Düsseldorf, Germany)

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.

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.
Not suitable for bonds subject to moisture.

Technical properties:

Skin-forming time at 23 °C/50 % RH [minutes]	~ 10
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]	~ 1,3
Temperature resistance from/to [°C]	- 20 / + 80
Shelf life at 23 °C/50 % RH for cartridge/foil bag [months]	24

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 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.
Depending on the application, very absorbent substrates may require pre-treatment with a primer, e.g. OTTO Deep Primer.
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	20 l hobcock
oyster-white	A265-04-C194	on request
Packaging unit	20	1
Pieces per pallet	1200	16

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>



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