



1-component acrylic copolymer plastic sealant

For indoor and outdoor application

A 250

Characteristics

- ▶ Immediately rainproof - Processable even in rain
- ▶ Compatible with bitumen
- ▶ Also bonding to damp surfaces
- ▶ Good UV-resistance - Long durability in exposed areas
- ▶ Very good adhesion on many materials - Can be used on many materials without pretreatment
- ▶ Can be painted and varnished – please observe application instruction in Technical Data Sheet
- ▶ Compatible with coatings according to DIN 52452 - No interaction with existing and adjacent coatings

Fields of application

- ▶ Sealing of joints and seams in roof areas (e.g. on chimneys, metal profiles and parapet covers)
- ▶ Sealing of bitumen coats on masonry, concrete, etc.
- ▶ Barrier of building materials containing bitumen for the subsequent silicone sealant
- ▶ Sealing of corrugated roofing tiles made from fibre cement, metal, PVC, polyester and bitumen

Standards and tests

- ▶ Meets the requirements for fire behavior according to EN 13501: Class E
- ▶ Suitable for applications according to IVD instruction sheet no. 12+31+35 (IVD = German industry association sealants)

Technical properties

Skin-forming time at 23 °C/50 % RH [minutes]	~ 1
Processing temperature from/to [°C]	+ 5 / + 35
Viscosity at 23 °C	pasty
Density at 23 °C according to ISO 1183-1 [g/cm³]	~ 1,1
Permissible movement capability [%]	10
Temperature resistance from/to [°C]	- 20 / + 80
Shelf life at 23 °C/50 % RH [months]	24 ¹
Storage temperature from/to [°C]	0 / + 30
Shrinkage of volume according to ISO 10563 [%]	~ 20

1) from production

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. The adhesive surfaces must be cleaned and any contamination such as release agents, preservatives, grease, oil, dust, water, old adhesives/sealants and other substances impairing adhesion must be removed. Cleaning of non-porous substrates: Clean

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with OTTO Cleaner T (no flash-off time required) and a clean, lint-free cloth. Cleaning porous substrates: Clean surfaces mechanically, e.g. with a steel brush or a grinding disc, to remove loose particles.

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.

Not suitable for joints with intense movement (> 10 % necessary movement capability)

Not suitable for building movement joints.

Maximum joint width: 10 mm

Not suitable for base and floor joints.

Not suitable for joints in swimming pools and swimming pool areas.

Not suitable for sealing of metal sheets in flat roof constructions (in that case we recommend OTTOSEAL® S 110)

Not suitable for polystyrene® or styrodur®

Due to its extraordinary adhesion properties the sealant tends to stringiness. These filaments can be avoided by pulling away the cartridge jerkily.

Application information

Cartridge should be stored at room temperature before application. For subsequent smoothing use plenty of water. Avoid excess material by using correct diameter of nozzle and even gun control, since excessive OTTOSEAL® A 250 is difficult to remove due to its excellent adhesion.

OTTOSEAL® A 250 contains solvents and forms a skin immediately (approx. 1 minute) after application.

In order not to activate the evaporation of solvents too strongly, it is recommended to avoid the application during direct strong solar radiation, whenever possible. Direct strong solar radiation increases the risk of cracks in the fresh sealant. If cracks occur, they can be repaired easily by applying another layer of OTTOSEAL® A 250.

Surface will be slightly tacky even after curing. The cleaning of processing tools or similar can be carried out with OTTO Cleaner T, acetone or fuel.

The joint width is limited to 5 to 25 mm, if OTTOSEAL® A 250 is used as a barrier to bituminous substances in joints and a silicone sealant is used additionally to compensate movements. Fill 1/3 of the joint with OTTOSEAL® A 250 and let it dry for at least 1 hour before the subsequent silicone is applied. OTTOSEAL® S 100 and OTTOSEAL® S 110 have been tested and found to be compatible with cured OTTOSEAL® A 250.

Contains flammable solvents, therefore sufficient ventilation has to be provided when applying in interior areas. Avoid proximity of open fire or other ignition sources.





Our product can be overcoated with paint or varnish. The compatibility between the coating and our product has to be checked before the application by the user/processor - possibly under production conditions. Our OTTO application technology will gladly support you non-committally. If, in exceptional cases, after successful compatibility test our product is coated over the entire surface, this coating must also be able to follow the elastic movement of the sealant. Otherwise crack formations in the coat of paint or optical impairments may occur.

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	
 crystal clear	A250-04-C30
 grey	A250-04-C02
 black	A250-04-C04
 white	A250-04-C01
Pieces per packaging unit	20
Pieces per pallet	1200

Due to typographical reasons the colours shown below may differ from the original colours of the products.

Safety precautions

Please observe the material safety data sheet.

After curing, the product is odourless.

Disposal

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

Brand information

Styrodur® and Styropor® are registered brands of the company BASF SE (Ludwigshafen)

Warranty information

The above information and our technical application advice, whether verbal, in writing or by means of tests, are provided to the best of our knowledge, but are non-binding, including with regard to any third-party property rights. The information in this publication does not exempt the processor from carrying out their own tests on our products with regard to their suitability for the intended processes and purposes. The application, use and processing of our products and the products manufactured on the basis of our technical application advice are beyond our control and are therefore the sole responsibility of the processor. If the application for which our products are used is subject to an official authorisation requirement, the user is responsible for obtaining these authorisations. We reserve the right to adapt the product to technical progress and new developments. For the rest, we refer to our General Terms and Conditions, in particular with regard to any liability for defects. You can find our GTC at www.otto-chemie.de.