

OTTO Primer 1105

The viscous mineral primer

Solvent-containing bonding agent combination

PR 1105

Characteristics

- ▶ Primer to improve adhesion on mineral and absorbent substrates (e.g. concrete, plaster, fibre cement etc.)
- ▶ Airing time at least 30 minutes (max. 3 hours)
- ▶ Highly film forming

Fields of application

- ▶ Barrier to alkaline surfaces
- ▶ Improves the adhesion of OTTO acrylic sealants on mineral materials (e. g. concrete, plaster, cellular concrete, fibre cement, gypsum), as well as on untreated wood and scumbles, on metallic substrates (e. g. anodic oxidation) and some plastics (e. g. PVC)
- ▶ Improves the adhesion properties of the 2-component PU foam OTTOPUR OP 920 on heavily absorbent and silted up substrates

Technical properties

Flash-off time at 23 °C/50 % RH [minutes] > 30 ¹

Consumption depending on the absorptivity of the substrate [g/m²] ~ 100 - 300

Density at + 23 °C [g/cm³] ~ 0,9

Shelf life at 23 °C/50 % RH [months] 12

1) Higher temperatures reduce the airing time, lower temperatures prolong it.

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

Pretreatment

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 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

The primer has been developed for OTTO sealants / adhesives to ensure an optimal adhesion in combination with these. The interaction / compatibility to OTTO sealants / adhesives has been tested and released by our technical department. For others, and not mentioned above OTTO product groups, substrates or coatings we recommend preliminary tests. Do not apply primer and cleanprimer beyond the joint edges and adhesion surfaces to avoid contaminants / optical changings.



Application information

Apply primer on the joint edges with an adequate brush

Drying time of at least 30 minutes necessary

The period of time between the application of the primer and the continuation of application may be extended to several hours, if dust accumulation is avoided.

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.

Packaging

	100 ml aluminium bottle	250 ml aluminium bottle	1,000 ml aluminium bottle
○ colourless	PR1105-50	PR1105-51	PR1105-55
Pieces per packaging unit	15	15	5
Pieces per pallet			

Safety precautions

Please observe the material safety data sheet.

Disposal

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

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.