Technical datasheet

# 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.

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SEALING & BONDING

## 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

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