

Reproform premium/eco

VPS duplicating silicone, low consistency, flowable

1. Model preparation

Prepare the plaster model in accordance with the duplicating method (blocking out, etc.). The model to be duplicated must not be soaked in water. If necessary, clean the prepared model and degrease it with silicone surface wetting agent. Dry the surface carefully. We recommend **Reproform eco** for duplicating in a flask and **Reproform premium** for duplicating without a flask.

2. Dispensing and mixing

Always dispense **Reproform** in a base-to-catalyst ratio of 1:1. Dispensing can be performed by weight or volume. Thoroughly mix **Reproform** either manually for approx. 60 sec. until a homogeneous colour is obtained or stir it in a suitable mixing cup using a vacuum mixer for approx. 30-40 sec. under a vacuum (no bubbles and optimum homogeneity). **Reproform** can also be used in 1:1 silicone dispensers. Follow the device manufacturer's instructions about connecting up.

3. Handling

Pour the mixed **Reproform** into the duplicating mould in a thin stream from a height of approx. 30-40 cm. The material should be introduced at one point on the model, preferably at the centre. Only remove the model when the silicone has cured completely. With **Reproform eco** the model can be removed after approx. 30 min. and with **Reproform premium** it can be removed after only 20 min. Before further use (casting) of the duplication wet or spray it with a silicone surface wetting agent. Then blow the surface carefully dry.

Important working hints

- Close the container carefully after removal. Important: Do not mix up the lids!
- Processing in silicone mixers can be performed without any problems after cleaning the device (rinsing with silicone oil) or after testing component compatibility.
- Avoid stains on items of clothing because cured elastomeric silicone materials are resistant to chemicals.
- Only mix base and catalyst if the batch numbers are identical.

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03/2007

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Instructions for use

Applications:

- Duplicating with / without a flask in the areas of model casting and combined work
- Making working models and control models

Technical data:

- **Mixed volume:**
2 x 1 kg bottle
2 x 5 kg canisters
- **Mixing ratio:** 1:1
- **Product colour:**
Reproform eco
Base: pink
Catalyst: white
Reproform premium
Base: orange-transparent
Catalyst: transparent
- **Hardness:**
Reproform eco
approx. 16 Shore A
Reproform premium
approx. 26 Shore A, after 30 min. setting time
- **Mixing time:**
manual: 60 sec.
vacuum mixer: 30-40 sec.
- **Working time:**
approx. 5* min.
- **Setting time:**
Reproform eco
30 min.*
Reproform premium
20 min.*
- **Application:**
At 23 °C ± 2 °C / 73 °F ± 4 °F, 50 ± 5% rel. humidity

* from beginning of mixing at 23 °C ± 2 °C / 73 °F ± 4 °F, 50 ± 5% rel. humidity. Increased temperatures accelerate, decreased temperatures retard a. m. times.

Ordering information:

Reproform eco
Standard packing 02806
2 x 1 kg bottles

Eco-Pack 02812
2 x 5 kg canisters

Reproform premium
Standard packing 02813
2 x 1 kg bottles

Eco-Pack 02814
2 x 5 kg canisters