# moglice P (pasty)
## Product number #1130

### Produktbeschreibung
moglice P is a high-viscous 2 component low friction wayliner. It is used for the production of guides and hydrostatic guides. The dimensionally accurate impression technique enables complex shapes and structures without mechanical processing with a precision in the µm range. In modern production technology, process times and costs can be reduced many times over. The material can be detached from the mating surface by using a micro-thin layer of diamond release agent. The result is an exact copy of the workpiece surface.

### Characteristics
- µm-exact moulding
- High dimensional stability
- High resistance against cooling emulsions, mineral and synthetical lubricants and cutting materials
- Anti-Sick-Slip behaviour
- Emergency running characteristics
- Outstanding power transmission due to full support of the contact surfaces

### Chemical resistance
If any questions regarding the chemical resistance occur please contact our technicians.

### Package sizes
0.1 kg
0.25 kg
0.5 kg
1.0 kg

moglice P is delivered in ready to use package sizes. The product consists of 2 components. Both components have to be mixed with each other completely. We do not recommend using smaller quantities because it might lead to mixing errors.

### Technical data

| Technical data | Test procedure | Value |
|---|---|---|
| E-Modul [N/mm²] | DIN EN 13412:2006 | 10400 |
| Compressive strength [N/mm²] | DIN EN 12190:1998 | 120 |
| Viscosity [mPas] | DIN EN ISO 3219:1994 | pasty |
| Density [g/cm³] | | 1,7 |
| Pot life (+20°C) [min] | DIN EN ISO 9514 | 50 |
| Curing time (+20°C) [h] | - | 24 |
| Curing time until moulding (+20°C) [h] | - | 18 |
| Shore-D Hardness | DIN ES ISO 868 | 88 |
| Shrinkage [%] | DIN EN 12617-4/2002 | < 0,1 |
| Thermische Beständigkeit [°C] permanent temporär | - | -20°C bis 60°C -40°C bis 125°C |
| Mischungsverhältnis (A:B) [gr] | - | 92:8 |

### Storage/durability:
Store dry, cool and frost-free in the original, unopened container (5 °C - +20 °C). Durability 18 months. Avoid direct sunlight. Higher temperatures reduce the shelf life.

### Important notes
Please consider the information given in the safety data sheet.

**Work preparation**
To be coated guide surface is provided to improve the adhesion with a roughening. The roughness should be 0.5 mm (Rt - 500µm). The roughening can be made on a milling machine with a knife-head with a large feed.

**Mixing process**
For mixing moglice P, component B is completely added to the container of component A. Mix thoroughly with a drilling machine and the DIAMANT mixing propeller (Prod.No. #0789) (max. 250 rpm for approx. 2 minutes). Strip material adhering to the wall of the container with a spatula and add to the mixture. Mix again thoroughly.

**Venting**
moglice P must be taken out of the container immediately after mixing and spread out thinly on a clean sheet. By spreading a portion of the heat of reaction is dissipated, thus extending the processing time.

**Application description**
Firmly apply a thin adhesion layer onto the adhesion surface with a spatula. The rest material should be applied in a roof-shaped structure without enclosing any air.

**Disposal**
Any material which is not used, mixed correctly and completely cured can be disposed normally (EAKV 170203). Not mixed material has to be disposed as chemical waste (EAKV 080111). If booked the DIAMANT service team will dispose the waste.

**Qualification and service:**
It is recommended that the application is performed by schooled DIAMANT technicians.
To guarantee the best possible quality and a correct application, we offer the following services:

- Consultation on the phone or/and in person on your construction site
- Construction site supervision and supervision of the work on site.
- Complete application performed by our experienced application technicians.

*Further information can be found in the service data sheet.*



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