

## GLOBALSIL AL/25

### INTRODUCTION

Two component room temperature vulcanising pourable fluid silicone rubber which cures with addition of the appropriate CATALYST Y, according to poly-condensation process.

GLOBALSIL AL/25 is suited for moulds' manufacture for articles made of synthetic resins (polyester, epoxy, polyurethane, etc.), plaster, cement, wax (i.e. in lost-wax casting process), etc.

It is a highly anti-adherent flexible compound that is extremely suitable for reproduction of fine details; peculiarities of GLOBALSIL AL/25 are its medium-hardness value and a high tearing resistance. Thanks to these properties, it can also be used for moulds' manufacture with many undercuts.

### TECHNICAL PROPERTIES

(at +20°C and 60% R.H.)

Appearance	: light-grey thick liquid
Mixing ratio (A+B)	: 100 + 5 parts in weight (CATALYST Y)
Pot life (minutes)	: 80 – 100
Demoulding time (hours)	: 24
Linear shrinkage, after 5 days ageing (%)	: 0.5 max. (ISO 4823)
Specific gravity (Kg./dm <sup>3</sup> )	: 1.220 ± 0.03
Hardness (Shore A)	: 25 ± 3 (DIN 53505)
Elongation at break (%)	: 500 ± 30 (DIN 53504 – SA3)
Tensile strength (N/mm <sup>2</sup> )	: 3.5 ± 0.5 (DIN 53504 – SA3)
Tearing strength (N/mm)	: 13 ± 0.5 (ASTM D624 mould B)
Flame resistance	: self extinguishing (ASTM 1692)
Shelf life	: 1 year, stored in their original tightly closed containers at temperatures in the range from +5°C to +30°C.

NOTE. The information given to users is based on our best experience. However, because of the many possible applications, which are outside of our knowledge and control, we cannot accept liability for loss or damage resulting from reliance upon such information.