

- INTRODUCTION:** It is a two component room temperature vulcanising pourable fluid silicon which cures on the addition of the appropriate CATALYST B\*, according to the polycondensation process. A highly anti-adherent flexible compound, that is extremely accurate in its reproduction of fine details.
- APPLICATION:** SILIMOLD BLM-12 silicon rubber is ideal in the manufacture of moulds for the shoe industry (production of master moulds for rubber soles), technical items in general, and decorative plaster subjects like ceiling roses, frames, and wherever the reproduction of undercuts is not requested, due to its moderate tearing resistance.
- PACKING:** Component A: Kg. 20 Plastic bucket  
Component B: Kg. 1 Plastic bottle
- SHELF LIFE:** Both components (A and B) 12 months in their original tightly closed, in a dry and cool place, away from moisture and at temperature between +5°C and +30°C.
- TRANSPORT:** RID/ADR exempt: the product is not flammable.

**CARATTERISTICHE TECHICHE****BEFORE CATALYSIS**

APPEARANCE:	Thick liquid
COLOUR:	Component A : Light Grey Component B : Green
SPECIFIC GRAVITY:	Comp. A e B: 1,260 Kg./lt. $\pm$ 0,050 *
VISCOSITY:	Comp. A e B: 8.000 / 9.000 CpS *
MIXING RATIO:	100 : 5 by weight (= 5%)
CATALYST:	Normal: B* - Fast: B/V - Slow: B/L

**DURING CATALYSIS**

POT-LIFE:	20 min. with Catalyst B*
POURING TIME:	10 - 15 min.*
DEMOULDING TIME:	1,5 - 2 hours *

It is advisable to avoid catalysis of the product at temperatures over +30°C

**AFTER CATALYSIS**

APPAREANCE:	Flexible rubber
COLOUR:	Semi bright light green
HARDNESS SHORE A :	12 $\pm$ 2 (DIN 53505)
TEARING STRENGHT:	> 5 N/MM. $\pm$ 0,5 (ASTM D 624 S A 3)
TENSILE STRENGHT:	17 N/mm <sup>2</sup> $\pm$ 0,5 (DIN 53504 - S A 3)
ELONGATION AT BREAK:	400 % $\pm$ 20 (DIN 53504 - S A 3)
LINEAR SHRINKAGE:	0,5 % max. after 5 days ageing (ISO 4823)
FLAME RESISTANCE:	Self extinguishing (ASTM 1692)

**(\*) NOTE:****TESTS HAVE BEEN CARRIED OUT UNDER THESE CONDITIONS**

Temperature:	+20°C
After:	24 ore
R.H.:	60%
Catalysis:	100:5

Pouring time, demoulding time and Pot Life duration depend on room temperature, R.H. and on the mixing ratio A+B.

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. Typical data values should not be used as a basis for product specifications.