Technical Datasheet

DOMOSIL-POOL

Silicone sealant for permanent water immersion

Description

DOMOSIL-POOL is an acetic silicone for permanent water immersion (swimming pools, aquariums etc), providing:

- High mechanical resistance and deformability.
- Resistance to temperature fluctuations from -50ºC to +200ºC.
- Excellent bonding to any kind of building material.
- Great endurance to ageing and water.

Fields of application

DOMOSIL-POOL is appropriate for sealing vertical and horizontal joints 3-40mm wide, for indoor and outdoor applications. It has very good adhesion on surfaces such as glass, porcelain (tiles, sanitary products), aluminium etc. Suitable for sealing joints on aquariums, boats, glass-structures etc. It cannot be overpainted.

Technical data

Base:	silicone
Application temperature:	from +5 ºC to +40 ºC
Color:	transparent
Skin formation:	after 7 min (23ºC, 50% R.H)
Maturation speed:	4,5 mm/1st- day 10 mm/7 days
Hardness according to SHORE A:	23
Admissible joint movement :	25%
Elongation at break (%) DIN 53504	550%

Directions for use

1. Substrate
Substrate must be free of dust, loose particles, grease etc. It is advisable that the joint is cleaned up using a paintbrush or a wire brush and then air-blasted.
To avoid undesirable soiling at joint edges, a self-adhesive paper-tape is applied alongside the edges and then removed immediately after sealing the joint (before skin formation).

2. Application
Insert cartridge in the special gun and cut nozzle in a slant way so that as it does not fit into the joint but just touches and slides along the edges.
Silicon is applied by driving the cartridge alongside the joint axis at a 45^0 angle.
While still fresh, silicone is leveled using a trowel or by finger.

Cleaning of tools:
Tools must be cleaned thoroughly with water whilst material is still fresh. If material is hardened, tools may be mechanically cleaned.

Consumption

- Joint 10mm x 10mm:
1 cartridge/3 m of joint length.
- Joint 5mm x 5mm:
1 cartridge/12 m of joint length.

Packaging

Cartridges of 280 ml.

Storage

Shelf-life is 12 months, in dry and frost-free conditions.

ISOMAT S.A.
BUILDING CHEMICALS, MORTARS & PAINTS
HEADQUARTERS – THESSALONIKI, GREECE
17th km Thessaloniki – Ag. Athanasios Road
P.O. BOX 1043, 570 03 Ag. Athanasios, Greece
T +30 2310 576000
www.isomat.eu e-mail: support@isomat.eu

The technical information and instructions supplied in this datasheet are based on the knowledge and experience of the Department of Research and Development of our company and on results from long-term applications of the product in practice. The recommendations and suggestions referring to the use of the product are provided without guarantee, since site conditions during the applications are beyond the control of our company. Therefore the user is responsible for confirming that the chosen product is suitable for the envisaged application. The present edition of this technical datasheet automatically cancels any previous one concerning the same product. | Edition: 16.11.2022