Technical Datasheet

DOMOSIL-MICRO

High performance anti-mold silicone sealant

Description

DOMOSIL-MICRO is a high performance anti-mold acetic silicone, formulated with special antibacterial protection technology providing:

- Prevention of mildew and fungi growth.
- Resistance to temperature changes from -40°C to +120°C.
- Excellent bonding to any kind of building material.
- Great resistance to aging and water.
- High mechanical strength.

Fields of application

DOMOSIL-MICRO is suitable for sealing joints 3-40mm wide in materials such as glass, aluminium, non-porous ceramics, porcelain (tiles, sanitary products, etc). Ideal for high-humidity areas, e.g. kitchens, bathrooms, etc.
DOMOSIL-MICRO remains color stable and offers 10 years no mold guarantee, providing that normal cleaning practices are followed.

Technical data

Base:	silicone
Color:	transparent, white
Film formation:	after 20-25 min
Curing speed:	1.0-2.0 mm/day
SHORE A Hardness:	18 ± 2
Joint movement capability:	25%
Elongation at break: (DIN 53504)	550%

Directions for use

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

2. Application
The cartridge is inserted in the special gun and the nozzle is cut nozzle slantwise, so that it does not fit into the joint but barely touches and slides along the edges. Silicone is applied by moving the cartridge alongside the joint axis at a 45° angle. While still fresh, silicone is leveled with a trowel or your finger.

Cleaning of tools:
Tools must be thoroughly cleaned with water whilst material is still fresh. In case the material has hardened, tools can only 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

Cartridge of 280 ml.

Shelf life – Storage

12 months from production date if stored in dry and frost-free conditions, between 5°C and 25°C.

Remarks

- Ambient temperature during application should range between -10°C and +40°C.
- Curing speed of DOMOSIL-MICRO depends on environmental conditions.
- Not recommended for use in aquariums due to the fungicide it contains.
- DOMOSIL-MICRO cannot be overpainted.

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

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