Tehnički list

# Mir-O-Bond


Mir-O-Bond is a high quality, neutral, one-component mirror adhesive based on silicone.

## Svojstva

- Compatible with most backcoatings of quality mirrors
- Very good adhesion on many materials
- Very low emission, EC1+ certified
- Low odour
- Permanently elastic after curing
- Solvent-free
- Very easy to apply
- Not paintable
- Not suitable for natural stone

## Prijave

- Stress-free bonding of mirrors that comply with EN 1036-1 and EN 1036-2. For other mirrors the compatibility needs to be tested.
- Sealing of joints in mirror walls.
- Bonding of all kinds of mirrors with an acetone safe back.

## Tehnički podaci

| | | |
|---|---|---|
| | | Polysiloxane |
| | | Stable paste |
| | | Moisture curing |
| | | ca. 7 minutes |
| | | ca. 2 mm/24h |
| | | ca. 1.03 g/ml |
| | | ± 25 % |
| | ISO 37 | ca. 0.35 N/mm² |
| | ISO 37 | > 600 % |
| | ISO 37 | ca. 1.40 N/mm² |
| | | ca. 24 ± 5 Shore A |
| | | ca. 7m per cartridge (single bead with triangle nozzle) |
| | | +5°C → +35°C |
| | | -60°C → +180°C |

*Bilješka: Vrijeme skidanja kože i brzina stvrdnjavanja mogu varirati ovisno o čimbenicima okoline kao što su temperatura, vlaga i vrsta podloge.*

## Podloge

- The surface must be rigid, clean, dry, free of dust and grease.



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- Porous surfaces in water loaded applications should be primed with Primer 150. Prepare non-porous surfaces with a soudal activator or cleaner (see technical data sheet).
- Mir-O-Bond has a good adhesion to following substrates: all usual building substrates, lacquered wood, plastics, PVC, etc.. Mir-O-Bond has no good adhesion or is not suitable for PE, PP, PTFE (Teflon®), bituminous substrates. We recommend a preliminary adhesion and compatibility test on every surface.

## Način primjene

- Before bonding, the backcoating of the mirror should be checked for damages (eg. scratches). Do not bond a damaged mirror. Apply Mir-O-Bond with the enclosed triangular nozzle in vertical beads to the back of the mirror. Depending on the dimension and weight of the mirror, beads should be placed at equal distances between 10 to 20 cm from each other. Use a double sided mirror tape for an initial tack and to create the necessary ventilation behind the mirror. See remarks
- Ručnim, pneumatskim ili baterijskim pištoljem za brtvljenje.
- Clean with Soudal Čistač površine or with Soudal Swipex maramice za čišćenje, immediately after use.
- With Finishing Solution before skinning.
- Repair with the same material.

Vodite računa o uobičajenoj higijeni rada. Više informacija potražite na etiketi pakiranja i sigurnosno-tehničkom listu.
Održavajte prostor dobro prozračenim tijekom upotrebe i stvrdnjavanja proizvoda.
Dangerous. Respect the precautions for use.

## Pakiranje/logistika

:
:
:

## Dimenzije spojnica

- Min. thickness: 3 mm

## Ekološke klauzule

- Leed regulation: Mir-O-Bond conforms to the requirements of LEED. Low –Emitting Materials: Adhesives and Sealants. SCAQMD rule 1168. Complies with USGBC LEED 2009 Credit 4.1: Low-Emitting Materials – Adhesives & Sealants concerning the VOC-content.
- Due to the wide variety of types of mirrors, we strongly recommend preliminary compatibility tests.
- In order to avoid possible problems due to condensations, the mirror manufactures as well as Soudal recommend sufficient ventilation at the back of the mirror. As a guideline, an opening of 3 mm should be left between the surface and the mirror. This can be assured by the use of double sided mirror tape.
- We recommend this minimal ventilation opening of 3 mm to ensure correct curing of the adhesive/sealant. Full surface bonding is at own risk of the applicator.
- For larger mirrors always use the adhesive in combination with a high quality double-sided mirror tape.
- Mirrors that are fitted with a safety film at the back, to avoid shattering, must be pre-treated with an adhesion promoter.
- The use of Soudal Surface Activator will ensure the best bonding performance on this type of safety film.



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- Without the use of Soudal Surface Activator the adhesion bond might be insufficient with the risk of an unsafe situation.
- When using different reactive joint sealants, the first joint sealant must be completely hardened before the next one is applied.
- Mir-O-Bond has a good UV resistance but can discolour under extreme conditions or after long UV exposure.
- Discoloration of the product due to chemicals, high temperatures, UV-radiation may occur.
- Mir-O-Bond can not be used as a glazing sealant.
- Not suitable for bonding aquariums.
- Do not use in applications where continuous water immersion is possible.
- Contact with bitumen, tar or other plasticizer releasing materials such as EPDM, neoprene, butyl, etc. is to be avoided since it can give rise to discoloration and loss of adhesion.





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