

MH200

General purpose silicone sealant



Description

MH200 is a universal one-part general purpose acetoxy cure silicone sealant, which cures rapidly on exposure to moisture to form a resilient elastic silicone rubber.

Applications

Suitable for sealing joints in aluminum windows, show cases, shop fronts curtain walls, glass to glass joints and other construction applications.

Advantages

- ▲ UV resistant.
- ▲ Mould resistance.
- ▲ Non-sag sealant.
- ▲ Easy to apply, one component sealant.
- ▲ Long service life with stable colour.
- ▲ Remains flexible at wide temperature range.
- ▲ Excellent adhesion strength to non-porous substrates such as aluminum, glass, ceramic etc.
- ▲ Does not induce bacterial growth.

Method of Use

Joint Preparation

The joint surfaces must be clean, dry and free from all contamination. When needed, surface should be degreased using an appropriate cleaner. Primers may be required on some substrates.

It is recommended to use masking tape on each side of the joint to maintain clean and uniform joint sides.

Joint Backing

Where applicable, appropriate joint filler e.g. closed cell polyethylene foam, should be used to provide the correct joint depth.

Technical Properties @ 25°C, 50% RH:

Consistency:	Soft paste
Colour:	White, black, champagne, grey & clear
Tensile strength:	> 1 MPa
Elongation:	> 300%
Specific gravity:	0.97 ± 0.05
UV resistance:	Very good
Skinning time:	15 - 20 min
Shore A hardness:	20 ± 5
Service temperature:	-40 up to 100°C
Application temperature:	5 to 40°C
Chemical resistance:	Resistant to most alkalis and dilute acids. Organic solvents may cause the sealant to swell and lose adhesion, but do not directly dissolve the sealant
Curing rate:	1 - 2 mm/24 hr
VOC:	< 110 g/ltr

Application

MH200 is supplied in cartridges and can be applied into the joint using caulk gun. Cut the cartridge top and attach the supplied nozzle, cut the nozzle to the required diameter and insert the tube in skeleton gun.

Apply MH200 into the joint starting from the bottom, ensure that the joint is completely filled. Tool the surface of the sealant within 15 minutes of the application using a spatula or suitable smoothing liquid.

This will provide a smooth finish and will ensure good contact between the sealant and the substrate. Remove the masking tape directly after tooling the sealant

Don Construction Products / Jordan

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Packaging

MH200 is available in 240 ml cartridges. Polyethylene nozzles are included in each box.

Sealant Quantity Estimator

Joint size	Meters per Ltr
6 x 6	27.75 m
9 x 6	18.50 m
12 x 9	9.25 m
18 x 10	5.55 m
25 x 10	4.00 m

Limitations

- ▲ Not recommended on porous substrates such as concrete, stone and marble.
- ▲ Not recommended to be used on bituminous substrates or substrates based on natural rubber and EPDM.
- ▲ MH200 can corrode mirror, silver, copper, brass, and lead.
- ▲ Not recommended to be used in submerged joints.

Storage

MH200 has a shelf life of 12 months from date of manufacture if stored in original unopened packages stored in a cool, dry place out of direct sunlight.

If these conditions are exceeded, DCP Technical Department should be contacted for advice.

Cautions

Health and Safety

MH200 Avoid prolonged contact with the skin. If sealant comes into contact with the eyes, flush with copious volumes of cold water and obtain medical attention.

For further information refer to the Safety Data sheet.

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