

Marine Flex

Description

Marine Flex[™] high performance adhesive sealant can be used on boats, pools & spas, where you need a water proof seal or bond, even under water. It can be applied & will cure under water. No need to drain your pool or spa. Compared to traditional polyurethane it provides a more durable seal & bond with superior UV weather resistance.

Product Information

Packaging	Size	Colour
Cartridge	410 grams	white
Cartridge	410 grams	Black

Uses

Use Marine Flex[™] for bonding and sealing any of the below surfaces**, wet or dry. It is formulated to deliver superior performance in demanding situations where conventional products fail.

This product cannot be used to repair flexible vinyl pool liners or inflatable pools.

**Surfaces

Marine Flex[™] can be used on the following surfaces without a primer: Aluminium, galvanise steel, ceramic tiles, fibreglass/FRP, gelcoat[^], polycarbonate, glass, and most plastics[#] (pre-test before use)

Can be used on the following surfaces only when sealed/primed and painted: Timber and concrete. Marine Flex[™] can be applied to fully dried alkyd enamel, oil based, water-based, and epoxy paints including epoxy pool and boat paints. Notwithstanding, it is recommended to confirm paintability/adhesion with a small sample first.

Technical Features

- Watertight/waterproof
- Suitable for above and below waterline*
- No primer required**
- Shock absorbing and vibration dampening
- Solvent-free and Isocyanate-free
- Sandable and paintable
- Weather/UV Resistant
- Indoor/Outdoor
- Non sagging

Technical Details

Property	Typical Result
Technology	Sil-X [™]
Skin formation ¹	Approx 40 minutes
Curing Rate ¹	Approx 2mm/24 hours
Service Temperature (in water)	0°C to 40°C continual exposure 40°C to 70°C short term exposure
Shrinkage	0%
Slump	<1mm
Hardness	75 (Shore A)
Modulus @break	1.45 Mpa
Elongation	Up to 30%
Shelf life	12 months
Indicative data only, not intended for preparation of specifications	

¹Expect longer skin formation time and slower curing rates at cold temperatures. Expect shorter skin formation time and faster curing rates in wet conditions/submersion.

How To Use

Application

- Ensure surfaces are clean and free from oil, grease and loose particles prior to application.
- Plastic surfaces should be lightly sanded prior to application to enhance adhesive strength.
- Metal and plastic surfaces should be wiped over with a solvent, such as mineral turps to remove all traces of oil and mould release residue from the fabrication process.
- Apply with a caulking gun, pushing sealant into joint or gap.
- Smooth off using a spatula within 15 minutes of applying.

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Clean Up

Clean up uncured Marine Flex with rags wetted with mineral turps. Cured sealant can be removed by scraping or sanding

Handy Hints

- Critical seals/repairs underwater should be regularly checked & repaired if required.
- ^Gelcoat must be lightly sanded prior to product application.
- Painting: If paint does not wet out sealant surface properly, lightly sand sealant before painting.
- Avoid subjecting to water pressure or movement until fully cured.
- Store in cool, dry conditions below 30°C. Use within 6 months of opening.
- For neater joints, mask sides before applying sealant and remove tape before sealant skins.

Limitations

- *Not suitable for PE, PP, or PTFE, permanent water immersion or plugging leaks subject to pressure.
- Not for polycarbonate and Perspex under water.
- It cannot be used on chlorinated rubber-based pool paint.

10 Year Guarantee:

When used as directed, in above the water-line applications only, and within 12 months of purchase, this product is guaranteed to provide a water tight seal, for at least 10 years – in joints configured with tight fitting, non-absorbent backing material as per directions for optimal joint design, and joint width being double the joint depth, joint depth being at least 8mm and joint width being 40mm or less. If the product does not perform as specified within the relevant warranty period, we will replace the product free of charge. To make a claim under warranty, please contact Selleys (details below) and provide details of your claim. You must show proof of purchase and bear all expenses incurred in making a claim.

The benefits of this warranty are in addition to other rights and remedies available under any applicable law. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Warnings, First Aid and Shipping Information

This information can be located on the product SDS found through our website – www.selleys.com