

## 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, brass, ceramic tiles, fibreglass/FRP, galvanised steel, gelcoat, glass, ceramic tiles, polycarbonate/Makrolon, Perspex/Poly(methylmethacrylate)/acrylic glass/Plexiglass, rigid PVC/uPVC/Poly(vinylchloride), stainless steel.

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, waterbased, and epoxy paints including epoxy pool and boat paints. It cannot be used on chlorinated rubber based pool paint. 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*	Approx 40 minutes
Curing Rate*	Approx 3mm/24 hours
Service Temperature (in water)	0°C to 40°C continual exposure 40°C to 70°C short term exposure
Service Temperature (in air)	0°C to 70°C
Shrinkage	0%
Slump	< 1mm
Hardness	73 (Shore A)
Modulus @ 50% strain	1.75 MPa
Elongation	125%
Shelf Life	12 months

Indicative data only, not intended for preparation of specifications

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

### Application

- Ensure surfaces are clean and free from oil and dirt 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.

### Clean Up

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

### Handy Hints

- 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.
- 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.

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\*NOTE: Not for PE, PP, PTFE, permanent water immersion or plugging leaks subject to pressure.

### Warnings, First Aid and Shipping Information

This information can be located on the SDS found on the Selleys website – [www.selleys.com.au](http://www.selleys.com.au) or [www.selleys.co.nz](http://www.selleys.co.nz)