

TECHNICAL DATA SHEET:

# MegaGrip - Construction Adhesive

Megagrip is a neoprene base adhesive sealant for use in sealing lap joints in sheet metalwork. Megagrip dries to form a tough, water resistant seal and will adhere to a wide range of substrates.

## BENEFITS

- Seals water and air tight
- One part, ready to use
- Paintable
- Resistant to salt and chlorinated water
- Interior / Exterior
- Heat resistant to 80°C.

## USES

- Sealing lap joints in box guttering.
- Sealing air-conditioning ducts.
- Adhesive for fixing wall panels to studs, floor boards to joists.
- Re-fixing loose ceramic tiles outside pools and in showers.

## COMPATIBLE SUBSTRATES

- Aluminium
- Galvanised iron
- Ceramic
- Masonry
- Glass
- Brick
- Steel
- Fiberglass
- Timber
- Some plastics and rubber
- Plywood
- Other common materials

## COVERAGE

300g cartridge will give approximately 15 lineal meters of a 5mm bead.



## PERFORMANCE

<b>S.G.</b>	1.04 – 1.08
<b>Open Time</b>	5 minutes @ 20°C
<b>Reposition Time</b>	15 minutes @ 20°C
<b>Set Through</b>	Dependant upon on conditions and thickness

### Lap Shear Strength (Typical)

Aluminium	0.66 MPa
Glass	0.60 MPa

## GENERAL APPLICATION

Cut tip off cartridge and pierce metal seal with the tip of the nozzle. Screw on nozzle and load into cartridge gun. Cut nozzle to required diameter. With gentle trigger pressure, dispense adhesive.

### Surface Preparation

All surfaces must be clean, sound and free of dust, standing water, oil or contamination. Clean metals with solvent\*. Clean glass with alcohol. Manufacturers of plastics should be consulted about suitable cleaning solvents\*.

For difficult substrates, such as coated metals and plastics, bond strength can be improved by light sanding.

### As a sealant for lap joints

Apply Megagrip to one surface as a bead then rapidly assemble the components. For best results, use mechanical fastening. Pre-drill all holes. Megagrip will be touch dry in approx 3 - 10 minutes (depending on temperature) and is repositionable between 10 minutes and one hour (again depending on temperature).

Megagrip is not designed as a sealant for wide and / or active joints.

### Painting

Megagrip may be painted after it has cured.

### Cure Time

Megagrip develops a strong bond within 24 hours. Depending on porosity of surfaces, amount of adhesive and weather conditions full cure is usually

within 7 days. Cold surfaces and one non porous surface will increase cure time, two broad, non porous surfaces may prevent cure except around the edge

### Clean Up

Clean up uncured sealant with xylene\* or mineral turpentine\*. Trim with a knife when cured.

### Limitations

- Maximum gap 2 mm
- Not suitable for permanent immersion, e.g. swimming pools
- Not recommended for solvent sensitive materials.
- Do not use on polystyrene
- For external use best results are obtained when protected from direct sunlight by paint or when enclosed within a lap joint
- When used bond bonding pool pavement headers to glass fiber pools edges, curing time will be extended. If pool is empty then ensure full cure is achieved before filling pool to prevent slippage of the pavers as the pool deforms with the weight of water.

## SAFETY INFORMATION

Vapours may ignite explosively. Prevent build up of vapours - open all windows and doors - use only with cross ventilation. Keep away from heat, sparks and open flame. Do not smoke. Extinguish all flames, and pilot lights. Turn off stoves, heaters, electric motors and other sources of ignition, including pilotless ignition systems, during use and until all vapours are gone. Avoid prolonged breathing of vapours and repeated contact with skin. Do not take internally. If swallowed do not induce vomiting. Call a physician immediately.

A Material Safety Data Sheet is available from the Allfasteners representative of your state, or customer service, or downloadable from the [www.allfasteners.com.au/msds](http://www.allfasteners.com.au/msds)

### Disclaimer

This technical data sheet summarises at the date of issue to the best technical knowledge of HB Fuller Australia. Since HB Fuller Australia cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this technical data sheet in the context of how the user intends to handle and use the product in the workplace. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company. Our responsibility for the products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request

### Shelf Life

Use product prior to the best before date printed on the bottom of the cartridge.

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