

technical data sheet

# A200

High Tack and Temperature  
Resistant Adhesive

megasorber®

# A200

High Tack and Temperature Resistant Adhesive

**Odourless and fast curing.**

Megasorber A200 is a high-tack and high-temperature resistant adhesive utilising the latest polymer-alloy technology. It is a one-component moisture-cured adhesive.

Megasorber A200 adhesive is free of solvent, isocyanate, PVC and silicones. It is natural, odourless and fast curing.

Megasorber A200 adhesive has a temperature resistance up to 200°C (short-term exposed for 10 minutes) once cured. It forms extremely strong bond once fully cured and mechanical method has to be used in order to remove it.

This adhesive has very good UV-resistance and aging resistance.

Available in cartridges or sausages.

Special V-groove nozzle designed for easy application



## Key Benefits

High initial grab.

Allows re-positioning for up to a few minutes.

High bonding strength.

No odour or solvent.

Long service life.

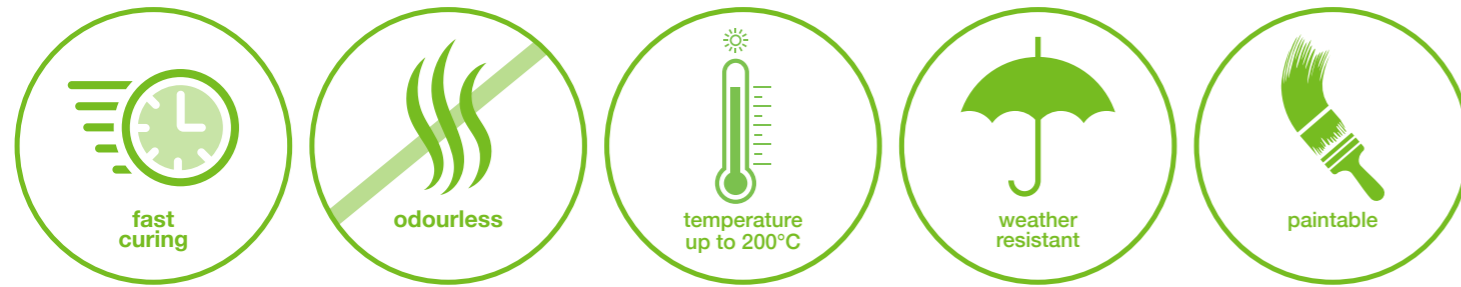
Clean to handle and easy to apply.

adheres panels instantly, perfect for aquatic centres and outdoor applications

ANU Aquatic Centre - FM50 panels installed on walls and ceiling with A200 adhesive



# Key Features



High tack and high bonding strength.

Free of solvent, isocyanate, PVC and silicones.

One component, moisture cured formulation.

Odourless and fast curing.

Suitable for aquatic centres and pools environments.

High temperature resistance up to 200°C (short term exposure only)

Completely weather resistant.

Paintable.

Environmentally friendly: low VOC.

Ease of application: can be extruded with hand, air or battery gun.

# Applications

Designed for bonding Megasorber acoustic materials: Megasorber P, Megasorber FG, Megasorber C, Megasorber B, Megasorber BG and Megasorber BR.

It provides excellent bonding of most common materials, such as foam, polyester, aluminium, stainless steel, galvanised steel, zinc, copper, brass, powder coated metal, glass, acrylic glass, ceramics, stone, concrete, ABS, PBT, PVC hard and soft, PPE, EPDM, wood, powder-coated, vanished, galvanized, chromalized and potgalvanized surfaces and more.

# Technical Specifications

## 1. Product Codes

Product Code	Colour	Type	Size	Pack Size
Megasorber A200CW	White	Cartridge	290ml	12 cartridges per carton
Megasorber A200SG	Grey	Sausage	600ml	12 sausages per carton

## 2. Properties

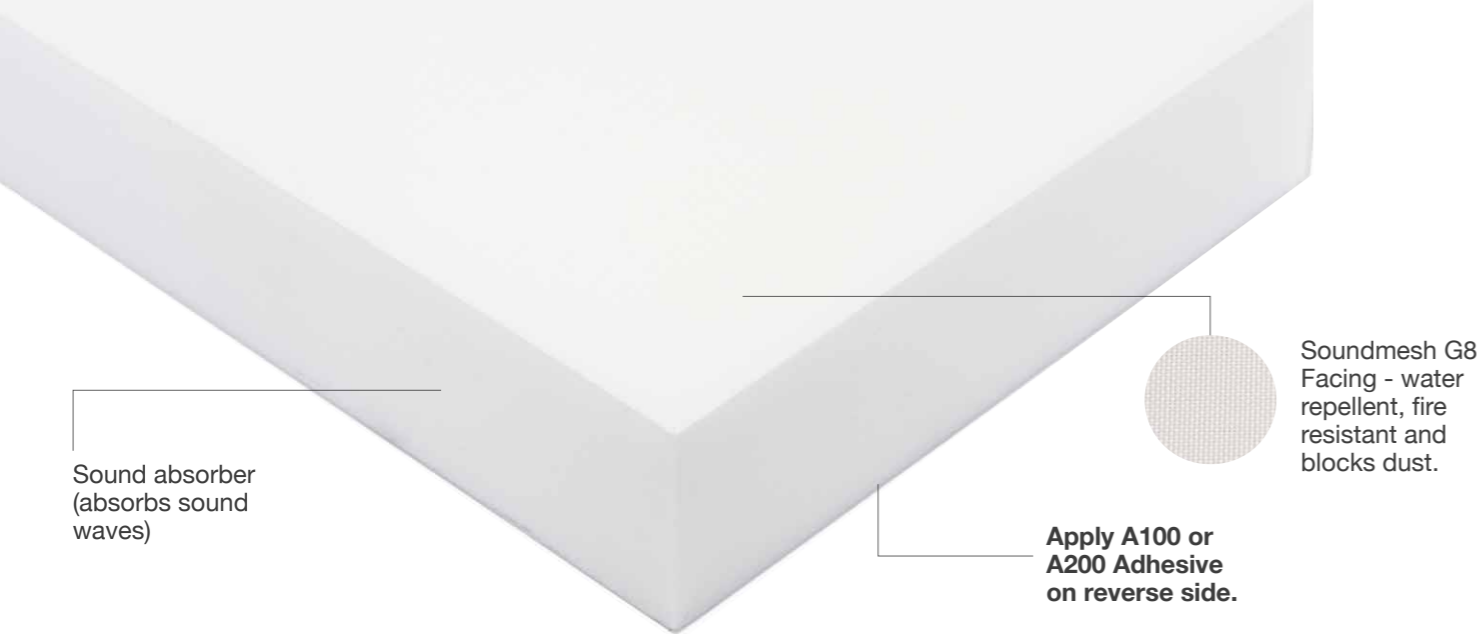
- 1) Density: 1.51 g/cm<sup>3</sup>
- 2) Assembly time: Within 7 minutes @ 23°C 50% R.H.
- 3) Curing speed: Approx. 4mm @ 23°C 50% R.H after 24 hours
- 4) Operation temperature: -40°C to +120°C;
- 5) Intermittent temperature: +200°C for 10 minutes and +180°C for 30 minutes.

## 3. Chemical Resistance

- 1) Completely weather resistant;
- 2) Good: against water, aliphatic solvents, oils, fat, watered inorganic acids and alkalis;
- 3) Moderate: against esters, ketone and aromatics
- 4) Not resistant: against concentrated acids and chlorinated hydrocarbons

## 4. Surface Preparation

The surface has to be clean and free of dust, oil and grease. Clean surface with Megasorber AC5, acetone or isopropanol (IPA).

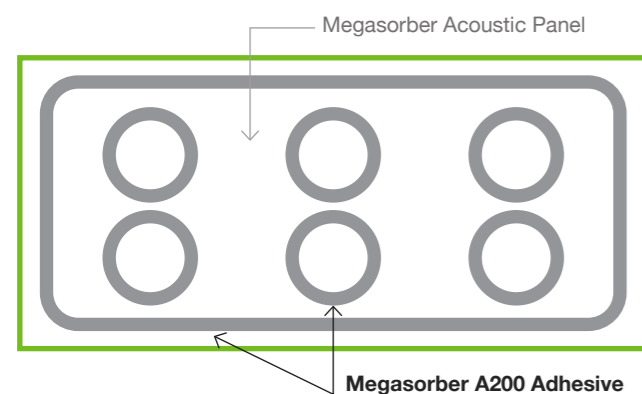


## 5. Application instructions

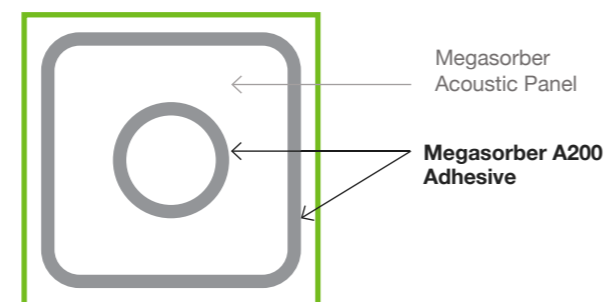
The information below are a typical guidance only for installing Megasorber acoustic panel with A200: Download the full application instructions at [megasorber.com/resources](http://megasorber.com/resources)

- 1) Bead size: the recommended bead size is 12mm as a minimum, with the V groove facing down;  
**Caution:** if the bead size is too small, the adhesive may not have sufficient green strength (initial grab) to hold the panels in position before being fully cured.
- 2) For porous materials: the adhesive bead must be in firm contact with the material;
- 3) The recommended coverage is one tube (290ml) per 1.2m x 1.2m (about 1.5m<sup>2</sup>) panel and one sausage of 1.2m x 2.4m (about 3m<sup>2</sup>) as a minimum. However, we recommend conducting an adhesion test to determine the exact amount adhesive that needed for the product and the actual application.
- 4) It is recommended that the adhesive is applied in a straight line near the edges and in circles near the middle. A schematic drawing is shown below:

### Full size panel (1.2m x 2.4m) application



### Small panel application



- 5) After the application of the A200, the panel must be installed immediately.  
**Caution:** the glue starts to dry and loses its tack after 7 minutes.
- 6) Apply the panel onto the substrate and press the panel firmly (firm hand pressure) against the substrate.
- 7) The panel can be repositioned within 7 minutes.

## 6. Cleaning

- 1) Clean uncured sealant immediately with grain paper/ sand paper, Megasorber AC5, acetone or isopropanol (IPA).
- 2) Cleaning cured sealant: remove by a mechanical method.

## 7. Package Size

Cartridge: 200ml; Pack size is 12 cartridges per carton;  
Sausage: 600ml; Pack size is 12 sausages per carton;

## 8. Storage and Shelf Life

Store in a cool, dry place, out of direct sunlight. Storage areas must be well ventilated and comply with Local, State and Federal regulations. For maximum shelf life, store between 5°C and 20°C.

Shelf life is up to 18 months when stored in original, unopened containers, under the above conditions.

### Important notice and disclaimer.

Specifications are subject to change without notice. Please contact us for the latest version.

Our data is based on experience in the laboratory and in practice. The user is recommended doing their own tests for intended application under practical conditions. Due to different materials, application methods and local given facts on which we do not have influence, we cannot give any warranty. We recommend that users carry out their own tests to confirm the suitability of the product for their particular application.

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Megasorber is the registered trademark of  
Megasorber Pty. Ltd.

Building 3, 621 Whitehorse Road  
Mitcham, Victoria, Australia 3132

E [info@megasorber.com](mailto:info@megasorber.com)

T + 61 3 9077 2918

ACN 096 454 278 / ABN 13 096 454 278

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