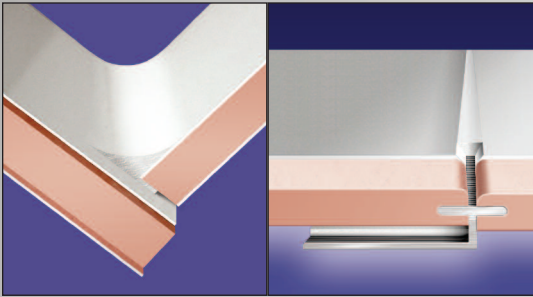


# bond <sup>AND</sup> seal in one step

# arcoplast finishing compound

## Description

A two-component, equal mix, bright white, high-strength urethane structural adhesive used to bond and seal Arcoplast fiberglass gel coated panels, fiberglass accessories, aluminum moldings and metal trim. Bonds and seals with a non-porous, non-yellowing, high-gloss finish. Environmentally neutral after curing. Has no odor, even while curing.



## Purpose

Sealing and finishing, particularly for feather-edge applications such as interior corner junctions, panel seams and bulkhead details.

## Specifically designed for high containment-critical environments,

including BSL-3, BSL-3 Ag, BSL-4, pharmaceutical and neutraceutical applications, animal science, food and beverage processing.



## Features and Benefits

### Structurally sound

- A structural adhesive that provides a structurally sound bond.

### Non-porous

- Does not encourage bacterial growth.
- Impervious to moisture - performs well under a daily regimen of rigorous cleaning, cyclical temperature change and wet conditions.

### Non-yellowing

- Colorfast - will not obscure detection of debris or unsanitary conditions.

### Odor-free

- Odor - free during and after curing.
- No odor that can contaminate food or other products-no need to seal off adjacent areas.
- Particularly well-suited for mission-critical environments.

### High-gloss

- Feathers well, easy to clean, aesthetically pleasing.

### Environmentally neutral

- Contains no solvents (100% solvents)-does not require expensive hood systems or explosion-proof equipment and will not deplete the ozone.
- Once cured, contains no known carcinogens, mutagens, teratogens, heavy metal or other toxic substances.
- Contains no pesticides or chemicals having pesticide characteristics.

### Effective on the job

- Easy tooling-readily applied by skilled craftspeople.
- Low shrinkage-not cured by solvent evaporation and therefore has minimal shrinkage.
- Non-sag - allows for application to vertical surfaces.



Composite Surfaces for Sterile Environments

[www.arcoplast.com](http://www.arcoplast.com)

# Product information

# finishing compound

## Chemical resistance

Solvent-resistant when cured. Resists most chemical and cleaning agents at low concentrated levels. Consult with an Arcoplast technical representative for specific chemical evaluations.

## Environmental resistance

Resists sunlight, weathering, humidity and salt spray.

## Packaging

Two joined cartridges. One cartridge contains 200 ml of part A, the other 200 ml of part B.

## Mixing

Automatically mix in proper ratio of 1:1 when using recommended dispensing system with static mixer.

## Surface preparation-existing substrate

Prior to application, remove all foreign matter and contaminants, such as surface dirt, oil and loose particles.

### Arcoplast gel coated fiberglass panels

- Clean back side with a clean cloth dampened with isopropyl alcohol.

### Blast metal surfaces

- Prime or grit. Use a solvent wash followed by priming for optimum bond performance.

## Application

Apply from joined cartridges with a hand or pneumatic tool.

## Setting time

For application and tooling, a 6 mm (1/4 inch) diameter bead has an approximate working time of 30 minutes at 75°F.

## Tooling

Tooling is recommended immediately after application to ensure uniform contact on both sides of the joint area, resulting in a smooth, continuous and aesthetically pleasing appearance.

## Curing

Handling strength develops in approximately 12 hours at room temperature. Full strength is achieved in 72 hours.

## Clean up

Thoroughly clean sealant residue from adjacent surfaces prior to cure. Isopropyl alcohol and other organic solvents are good cleaning aids. Caution: Smears and Smudges that cure will be permanently affixed to the surface.

## Storage

Store for 6 months from date of shipment at temperatures of 10°C-27°C (50°F-80°F).

## Moisture sensitive

If cartridge is not fully dispensed, keep the current static mixer dispense tip on until next application and then replace with new needle.

## Typical Properties of Arcoplast Finishing Compound

	Translucent Paste (Part A)	White Paste (Part B)
<b>Viscosity</b> at 21C (77°F)	45,000-160,000	130,000-230,000
<b>Density</b> at 21C (77°F)	115-1203 kgs/m <sup>3</sup> 9.64-10.04 lbs/gal	1186-1222 kgs/m <sup>3</sup> 9.9-10.2 lbs/gal
<b>Flash point</b>	93C (200°F)	93C (200°F)
<b>Work time</b>	30-40 minutes after parts A and B have been combined	
<b>Cure time</b>	Handling: 12 hrs	
<b>Mix ratio</b> A to B by volume	Full Strength: 72 hours after parts A and B have been combined 1:1	
<b>Shelf life</b>	6 months from date of shipment in unopened container 10°C-27°C (50°F-80°F)	



## CAUTION

Before using this or any other Arcoplast product, refer to the Material Safety Data Sheet (MSDS) and product label for safety use and handling instructions. In the event of conflict, the information contained in the MSDS and label prevails over the information provided here.

## FOR INDUSTRIAL AND COMMERCIAL USE ONLY

Must be applied by trained personnel only. Not for consumer use.

Values stated in this document represent typical values. Not all tests are run on each lot of material produced. To obtain product specifications for specific product end uses, contact the Arcoplast Customer Service Department at 1-636-978-7781.

Information provided in this document is based upon tests believed to be reliable.

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