

Technical Data Sheet

ADSIL™ Aquarium

Features

- Fast cure bonding.
- Glass joint weathers severe atmospheric conditions and vibration abuses for many years.
- Unprimed adhesion to cleaned substrates including glass, metals and plastics.

Colour

Clear

Applications

- Bonding glass with flexible non-visible joints, particularly for making aquariums.
- Many other similar applications like shop-fronts, in marine equipments, recreational vehicles etc.

Typical Properties

Specification Writers: These values are not intended for use in preparing specifications.

Test ¹	Property ²	Unit	Result
Uncured – As Tested at 50% RH and 25°C			
ASTM D2202	Flow (sag or slump)	mm	0
CTM 0098	Tack-free Time, 25°C, 50% RH	Minutes	Max20
	Full Adhesion	days	7–14
CTM 0364	Extrusion Rate	g/minute	200-500
ASTM D 1475	Specific Gravity	g/ml	0.98-1.02
As Cured – After 7 days at 50% RH and 25°C			
ASTM D 2240	Shore A Hardness	points	15-25
ASTM C 412	Tensile Strength	Mpa	≥0.8
ASTM C 412	Elongation	percent	≥400

1. ASTM – American Society for Testing and Material
2. CTM-Corporate Test Method

Description

ADSIL™ Aquarium RTV Silicone Sealant has the following applications.

- Bonding glass with flexible non-visible joints, particularly for making aquariums.
- Many other similar applications like shop-fronts, in marine equipments, recreational vehicles etc.

How To Use

Surface Preparation: Clean and dry the surface. Remove any soap or oil. Slight abrasion of the surface will improve adhesion. Priming may be required – see Primer Recommendations.

Masking: Mask adjacent surfaces to ensure neat sealant lines.

Application: Apply sealant in a continuous operation by holding applicator at 45° angle and pushing the adhesive ahead of the nozzle.

Tooling: Tool, as needed, immediately after application and before a skin forms (usually within 4 – 5 minutes).

Cleanup: Remove excessive adhesive. Remove masking as soon as tooling is completed.

Handling Precautions

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ PRODUCT AND SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION.

Usable Life And Storage

When stored at or below 30°C (86°F) in the original unopened containers, ADSIL Aquarium has a usable life of 12 months from the date of manufacture.

Packaging Information

This product is available in 300ml Cartridges.

For more information visit our website-www.adarshachemicals.com

ADARSHA

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