

## Technical Data Sheet

### ADSIL™ Supercon 9

Neutral, one-part silicone sealant

#### Features & Benefits

- Neutral Cure
- All Weather applicability
- Good bonding without primer and good joint movement
- Long life under all weather conditions
- Excellent weather ability, virtually unaffected by sunlight, rain, snow, ozone
- Ease of application – ready to use as supplied

#### Composition

- One-part, neutral-cure, RTV silicone sealant

#### Applications

- ADSIL™ Supercon 9 is a designed for sealing expansion and control joints, precast concrete panel joints, on structural curtain wall million joints, stress cracks, tiles/granite joints etc.

#### Colour

- Black, White, Grey, Ivory, Blue, Brown & Charcoal

#### Typical Properties

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

Test <sup>1</sup>	Property <sup>2</sup>	Unit	Result
<b>Uncured – As Tested at 50% RH and 25°C</b>			
ASTM D2202	Flow (sag or slump)	mm	0
CTM 0098	Tack-free Time, 25°C, 50% RH	minutes	10-20
	Full Adhesion	days	7-14
CTM 0364	Extrusion Rate	g/minute	150-250
ASTM D 1475	Specific Gravity	g/ml	≥1.39
<b>As Cured – After 7 days at 50% RH and 25°C</b>			
ASTM D 2240	Shore A Hardness	points	30-40
ASTM C 412	Tensile Strength	mpa	≥1.2
	Elongation	percent	≥400
	Temperature Stability	°C	-50 to +200
	Joint Movement Capability after 21days	percent	±30

Staining		none
Ozone Resistance		Good
Shrinkage	percent	Max 0.5

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

## Description

ADSIL Supercon 9 Silicone Sealant is a one-part, neutral-cure, architectural grade sealant. It easily extrudes in any weather and cures at ambient temperature by reaction with moisture in the air to form a durable, flexible silicone rubber seal.

## How To Use

### Preparation

Clean all joints, removing all foreign matter and contaminants such as grease, oil, dust, water, frost, surface dirt, old sealants or glazing compounds and protective coatings.

### Application Method

Install backing material or joint filler, setting blocks, spacer shims and tapes. Mask areas adjacent to joints to ensure neat sealant lines. Primer is generally not required on non-porous surfaces, but may be necessary for optimal sealant of certain porous surfaces. A test placement is always recommended. Apply ADSIL Supercon 9 Silicone Sealant in a continuous operation using a positive pressure. (The sealant can be applied using many types of air-operated guns and most types of bulk dispensing equipment.) Before a skin forms (typically within 15~20 minutes), tool the sealant with light pressure to spread the sealant against backing material and the joint surfaces. Remove masking tape as soon as the bead is tooled.

## 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 Supercon 9 has a usable life of 12 months from the date of manufacture.

## Packaging Information

This product is available in 300ml Catridges, 270KG Drum & 600ml Sausage.

For more information visit our website-[www.adarshachemicals.com](http://www.adarshachemicals.com)

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