



ENERSIL AP – All Purpose Silicone Sealant is a cost-effective acetoxy silicone sealant suitable for a range of general sealing and general glazing applications. It adheres to most common non-porous building materials. General purpose industrial sealing applications: Gearbox flange joints, air-conditioning ducting, solar water heaters, busy body, Neon signs etc. General Purpose construction applications: Aluminum window sealing, roofing sealant, shop fronts and show cases sealing etc.

KEY FEATURES

- One-component, acetoxy-cure, RTV silicone sealant
- Cures to form 100% silicone rubber
- Fast curing with high strength
- Excellent flexibility, will not become brittle, crack, shrink or chalk
- Stay put for sufficiently longer time compared to organic sealants without hardening or deterioration.
- Resistant to sunlight, weather variations & thermal cycling. Bonds to many common substrates

APPLICATION GUIDELINES

Application:

Sealing around sinks, faucets, showers, tubes, toilets and vents
Adhering trim, nameplates and signs.
For most marine applications: sealing between hull and deck, most boat decks, windows, port lights, windshields and hatches

Preparation

Clean all joint surfaces. Surfaces must be clean, dry and sound. Remove loose debris and/or old sealant. General recommendations are: For non-porous surfaces: Solvent-wipe the joint surfaces using a non-oily solvent such as methyl ethyl ketone, white spirits or mineral turpentine on a clean white lint-free cloth to remove any oils and contaminants. Immediately wipe with a second dry cloth to remove any traces of solvent and contamination

Usable Life And Storage:

When stored at or below 86°F (30°C) in the original unopened containers, ENERSIL AP – All Purpose Silicone Sealant has a shelf life of 12 months from the date of manufacture

Colors:

Clear – White – Black

Packaging Information:

This product is available in a 260 ml Cartridge and a 190 Kg Drum.

Disclaimer:

KEEP CONTAINER/CARTRIDGE TIGHTLY CLOSED
KEEP OUT OF REACH OF CHILDREN
FOR PROFESSIONAL USE ONLY

For more details:

Website : www.enercon-group.com

Address : Tampa, Florida, USA

TECHNICAL PROPERTIES

Property	Unit	Results
Uncured – As Tested at 50% RH and 25°C		
Flow(Sag or Slump) (ASTM D 2202)	mm	0
Tack-Free Time, 25°C, 50% RH (CTM 0098)	min	Max 30
Full Adhesion	days	7-14
Extrusion Rate (CTM 0364)	g/min	400-1000
Specific Gravity (ASTM D 1475)	g/ml	≥0.94
Application Temperature Range	°C	-29 to 50
As Cured – After 7 days at 50% RH and 25°C		
Shore A Hardness (ASTM D2240)	points	15-25
Tensile Strength (ASTM D412)	Mpa	≥0.80
Elongation at Break (ASTM D412)	%	≥500

*Note

1. Above values are nominal values and actual values may vary based upon statistical variations depending upon equipment temperature, application and test method, actual site conditions and curing conditions.
2. ASTM – American Society for Testing of Material
3. CTM – Corporate Test Method

Application Method

Mask adjacent surfaces with masking tape. Masking will ensure a clean, neat appearance and reduce clean up by protecting surrounding areas from excess sealant.

Applying sealant. Dispensing equipment is required. Please contact the equipment manufacturer for detailed operating and product handling instructions. Apply sealant into the base of the joint so that it completely fills the joint, wetting both sides

Tool joint/remove masking tape. Tool the surface of the joint before the sealant forms a skin to provide a smooth even finish and to ensure the sealant wets the sides of the joint. Do not use soap or water as tooling aids. Remove masking tape immediately after tooling and before the sealant skins. After a skin has formed, do not disturb the joint for 48 hours. On porous surfaces allow sealant to cure before removing by abrasion. Cured sealant is not soluble and must be trimmed with a blade, avoid undercutting the seal

Handling Precautions

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

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