



Product Data Sheet

ASMACO N3 KIT

Solvent Based High Strength Adhesive

Description:

ASMACO N3 KIT – No Need Nails is a versatile, solvent-based high-strength adhesive designed for bonding a wide range of materials in both interior and exterior applications. This adhesive provides strong, reliable adhesion to almost any substrate, making it an ideal choice for demanding construction and renovation projects.



KEY PERFORMANCE PROPERTIES

High Bond Strength:

- Delivers exceptional adhesion to a wide variety of materials, ensuring a secure and lasting bond.

Versatile Application:

- Suitable for bonding mirrors, decorative panels, skirting boards, tiles, parquet planks, MDF, and more, on almost all types of substrates.

Interior and Exterior Use:

- Designed for both indoor and outdoor applications, providing reliable performance in various environments.

Solvent-Based Formula:

- Offers strong initial tack and quick bonding capabilities, allowing for immediate placement of materials.

Flexible and Impact-Resistant:

- Maintains flexibility after curing, absorbing impacts and accommodating movement without cracking or losing adhesion.

Moisture and Weather Resistant:

- Withstands exposure to moisture and varying weather conditions, making it ideal for diverse applications.

Moisture and Weather Resistant:

- Withstands exposure to moisture and varying weather conditions, making it ideal for diverse applications.

Easy Application:

- User-friendly formulation allows for straightforward application with a caulking gun or similar tools.

Rapid Curing Time:

- Fast-setting characteristics reduce waiting time before the bonded materials can be handled or used.

These properties make ASMACO N3 KIT a reliable choice for a wide range of construction and renovation projects.

AREAS OF APPLICATION

ASMACO N3 KIT – No Need Nails is a versatile, solvent-based adhesive designed for quick and secure bonding of various materials, including mirrors, decorative panels, skirting boards, tiles, and more, without the need for mechanical fasteners. Its high bond strength makes it suitable for both interior and exterior applications, providing reliable adhesion for a wide range of construction and renovation projects.

Mirror Installation:

- Ideal for securely bonding mirrors to walls and other surfaces without the need for mechanical fasteners.

Decorative Panels:

- Suitable for adhering decorative wall panels, providing an aesthetic finish in residential and commercial spaces.

Skirting Boards and Architraves:

- Perfect for fixing skirting boards and architraves in both new installations and renovations.

Stair Nosings:

- Used for attaching stair nosings to ensure safety and durability on staircases.

Tile and Parquet Flooring:

- Effective for bonding tiles and parquet planks to floors, enhancing stability and appearance.

Veneers and MDF:

- Ideal for bonding wood veneers and MDF boards in cabinetry and furniture projects.

Insulating Panels:

- Suitable for adhering insulating panels, including polystyrene and EPS, in thermal insulation applications.

Metal and Gypsum Surfaces:

- Can be used on metal surfaces, gypsum boards, concrete, and bricks, making it versatile for various construction materials.

General Construction and Renovation:

- Applicable in a wide range of construction and renovation projects where a strong adhesive is required.

These applications highlight the versatility and effectiveness of ASMACO N3 KIT in different settings and materials.



Product Data Sheet

METHOD OF APPLICATION

To achieve optimal performance with **ASMACO N3 KIT – No Need Nails**, proper preparation and attention to detail are essential. Follow these steps for the best results:

Surface Preparation

Clean the Surface:

- Ensure all surfaces are clean, dry, and free from dust, grease, oil, and any loose materials. This will improve adhesion.

Drying:

- Allow surfaces to dry completely before applying the adhesive.

Application Tools

Caulking Gun:

- Use a standard caulking gun for application.

Nozzle Preparation:

- Cut the nozzle at an angle to the desired bead size for controlled applications.

Applying the Adhesive

Apply Beads or Dots:

- Apply the adhesive in a continuous, even bead along the surface, or in dots if bonding larger areas.

Press Together:

- Firmly press the materials together for strong initial hold. For heavy or vertical installations, temporary support may be needed until the adhesive sets.

Tooling and Finishing

Smooth as Needed:

- Smooth out the adhesive if needed within 5-10 minutes of application to achieve a clean finish and eliminate any gaps.

Curing

Initial Bond:

- ASMACO N3 KIT typically offers an immediate tack, but allow it to set in place.

Full Cure:

- For full strength, allow up to 24 hours, with curing time varying depending on temperature and humidity.

Clean-up

Remove Excess Adhesive:

- Clean any excess adhesive immediately with a suitable solvent before it cures. Once cured, removal may require mechanical methods.

Following these steps will ensure secure, durable bonding for various applications

PACKAGING / SUPPLYING

ASMACO N3 KIT is available in
280 ml Plastic Cartridge (**12 Cartridges / Carton**)

CLEAN UP

Clean all the equipment immediately with **ANCHOR CLEANER 1**

COVERAGE RATE

The approximate linear meter sealant consumption per cartridge

Bead ø 15 mm	280 ml / 4.67 Running Meter
--------------	-----------------------------

STORAGE & SHELF LIFE

ASMACO N3 KIT Store in cool place under cover, out of direct sunlight and protect from extreme temperatures. In tropical climate the product must be stored in air – conditioned environment (< 25° C). The shelf life is up to 12 months in unopened conditions if stored as per guidelines.

Note:

Storing the **ASMACO N3 KIT** beyond the specified date on the label doesn't automatically make it unusable. For quality assurance, it is crucial to confirm with **ANCHOR ALLIED FACTORY LLC** whether the properties required for the intended use remain intact in such instances.

QUALITY & CARE

All products originating from **ANCHOR ALLIED FACTORY LLC Sharjah, UAE**. facility is manufactured under a management system independently certified to conform to the requirements of the quality, environmental and occupational health & safety standards ISO 9001, and ISO 14001.

HEALTH & SAFETY

Protective clothing such as gloves and goggles should be worn while applying **ASMACO N3 KIT**. In case the material splashes to the skin or eyes wash the same with fresh water immediately. **In critical cases seek medical assistance.**



Product Data Sheet

TECHNICAL SPECIFICATIONS

PROPERTIES	TYPICAL VALUES	TEST STANDARDS
Color	Beige	—
Consistency	Thixotropic (Non Sag)	ASTMC 920 -18/ASTM C 639 -15
Curing Mechanism	Rubber Based	—
Application Temperature	+5°C — +40°C	—
Service temperature	-20°C — +80°C	—
Density, g/m ³	1.17 ±0.02	ASTM D 1475
Skin Over Time	10 Sec Max (RT)	ASTM C 920 -18 / ASTM C 679 - 15
Curing rate	> 2 mm/day (23°C and 50% R.H)	—
Hardness Shore A	65 - 75	ASTM D 2240
Adhesion & Cohesion	No, Cracks, Loss of Adhesion	ASTMC 920 -18/ASTM C 719 -14
Elongation at Break	≥ 500 %	ASTM D 412
Tensile Strength	>5.0 N/mm ²	ASTM D 412

Properties listed are based on laboratory-controlled tests. All values given are subject to 5-10% tolerance.

Shipping Limitations: None

Note

The information and data contained in the product data sheet is believed to be accurate and reliable; however, it is the user's responsibility to determine suitability of the product for usage. Since the supplier cannot know all the uses, or the conditions of use to which the product may be exposed, no warranties concerning the fitness or suitability for particular use or purpose are made. It is the user's responsibility to thoroughly test any proposed use of our products and independently conclude satisfactory performance in the application. Likewise if the application, product specifications or manner in which our products are used require government approval or clearance, it is the sole responsibility of the user to obtain sure authorization.

Non – Warranty : Because the storage, handling and application of the material is beyond Anchor Allied Factory Ltd's control, we can accept no liability for the result obtained. Anchor Allied Factory Ltd's sole limited warranty is the product meets the manufacturing specifications in effect at the time of shipment. There is no warranty or merchantability or fitness for use, nor any expressed or implied warranty. Anchor Allied Factory Ltd will not be liable for any incidental and consequential damage of any kind. The exclusive remedy for breach of such limited warranty is a replacement of any product shown to be other than warranted. Suggestions of uses should not be taken as inducement to infringe any patents.

All ANCHOR ALLIED FACTORY LLC datasheets are updated on a regular basis. This technical data sheet supersedes all previous editions relevant to this product. It is the user's responsibility to obtain the recent version.



☎ : +971 6 5342091, 📠 : +971 6 5342107, P.O. Box No.: 21152

MFG. OF SILICONE , ACRYLIC & POLYURETHANE SEALANTS, WATER PROOFING COATINGS,
SELF - ADHESIVE TAPES, SPRAY PAINTS, CONTACT ADHESIVE, PVC CEMENTS, EPOXY STEEL

Rev 02, TDS_ASMACO N3 KIT, GCC 1224

📍 Industrial Area-15, Sharjah, U.A.E. 🌐 www.anchorallied.com ✉ info@anchorallied.com