

BUILDING THE FUTURE

Advanced Adhesive Solution
for Modern Construction

Transforming Assembly and Design with ADT Strong Bond



INDUSTRIES
— ISO 9001: 2015 COMPANY —



UNVEILING MS POLYMER

THE SMART ADHESIVE FOR INDIAN CONDITIONS

Modified Silane Polymer (MSPolymer), also known as silane-modified polymer or hybrid polymer, is the core material used in products like ADT Strongbond, a multisubstrate adhesive sealant. Below is a detailed overview of Modified Silane Polymer, tailored to its relevance for ADT Strongbond and its unique underwater application, with a focus on informing Indian users.



Modified Silane Polymer is a hybrid polymer technology that combines the benefits of silicone and polyurethane while eliminating their drawbacks. It is created by chemically modifying silane-based compounds, resulting in a versatile, high-performance -

What is an MS Polymer adhesive?

-adhesive and sealant material. MSP is widely used in construction, automotive, marine, and industrial applications due to its exceptional bonding strength, flexibility, and environmental resistance.

WHY MSP IS IDEAL FOR INDIA

India's diverse climate, with heavy monsoons, high humidity in coastal areas, and extreme temperatures, demands robust adhesive solutions. MSP's properties make ADT Strongbond a perfect fit:

- **Monsoon Resilience:** MSP's underwater curing ensures reliable repairs during heavy rains, a common challenge in India.
- **Versatility:** Bonds to materials commonly used in Indian construction (concrete, tiles, metals) and households (glass, ceramics).
- **Durability:** Resists degradation in India's harsh weather, from coastal salinity to intense UV exposure in arid regions.
- **Safety:** Eco-friendly formulation aligns with India's growing focus on sustainable and non-toxic products.

INTRODUCING ADT STRONGBOND

THE ULTIMATE MULTI SUBSTRATE ADHESIVE SEALANT FOR UNDERWATER APPLICATIONS

INTRODUCTION

Welcome to the world of advanced bonding solutions with ADT Strongbond, a revolutionary multisubstrate adhesive sealant designed to meet the diverse needs of industries and households across India. Engineered by ADT Industries, a trusted name in waterproofing chemicals and sealants, ADT Strongbond stands out for its unparalleled ability to bond and seal across multiple surfaces, even in challenging underwater environments. This eBook introduces you to the exceptional features, applications, and benefits of ADT Strongbond, with a special focus on its unique underwater performance, making it a game-changer for Indian consumers and professionals.

In today's fast-paced construction environment, where time is money and quality is non-negotiable, traditional sealants often fall short in performance, durability, and flexibility. ADT StrongBond is a next-generation MS Polymer-based sealant that offers superior adhesion, long-term flexibility, and weather resistance—making it a versatile and premium choice for today's construction challenges.

ADT StrongBond was engineered as the ultimate solution to these real-world issues.

ADT StrongBond is a high-performance, hybrid MS Polymer sealant designed for professional-grade construction. It offers superior adhesion, even on wet or dusty surfaces, bonds to concrete, metal, glass, wood, and more, and delivers long-term flexibility with zero VOC emissions. Whether you're sealing expansion joints, façade panels, or sanitary areas—StrongBond does it all with one reliable solution.



Engineered for durability. Trusted by professionals.

ADT STRONGBOND

ADT Strongbond is a high-performance, multisubstrate adhesive sealant designed to bond and seal a wide range of materials, including **metals, wood, concrete, ceramics, glass, plastics**, and more. Unlike conventional sealants, ADT Strongbond is formulated to deliver exceptional strength and durability, even when applied to wet surfaces or fully submerged underwater. This makes it an ideal choice for applications where water exposure is a concern, a feature that sets it apart in the Indian market.



ADT STRONGBOND – MULTI-SUBSTRATE MS POLYMER ADHESIVE SEALANT

ADT StrongBond is a next-generation multi-substrate adhesive sealant formulated using advanced MS Polymer technology. Designed to meet the complex needs of modern construction, it offers a unique combination of **universal adhesion, high flexibility, UV resistance, and zero VOC emissions**. Unlike traditional sealants, **ADT StrongBond** bonds powerfully to a wide range of materials—concrete, glass, metal, ceramic, wood, and more—without the need for primers or surface treatments. Its superior performance in both wet and dry conditions makes it suitable for interior and exterior applications, including **expansion joints, façade sealing, sanitary areas, and more**. With a focus on long-term durability, ease of application, and eco-compliance, ADT StrongBond is not just a sealant—it's a professional-grade problem-solver engineered for real-world challenges in construction and infrastructure.

THE UNIQUE ADVANTAGE

WATERPROOF BONDING ABILITY

In a country like India, where monsoons, floods, and water-related challenges are common, the ability to perform repairs and installations underwater is a significant advantage. Unlike other multisubstrate adhesives that fail in wet conditions, ADT Strongbond excels in:

- **Submerged Applications:** Perfect for repairing swimming pools, water tanks, aquariums, and marine equipment without the need to drain water.
- **Wet Surface Bonding:** Adheres to damp surfaces, ideal for quick fixes during the rainy season or in humid coastal regions like Mumbai, Chennai, or Kolkata.
- **Durable Waterproof Seal:** Creates a permanent, watertight seal that resists saltwater, freshwater, and harsh environmental conditions.

This unique feature makes ADT Strongbond an essential tool for Indian homeowners, contractors, and industries dealing with water-related challenges, ensuring reliable performance where other sealants fall short.

KEY FEATURES

- **Waterproof Application:** ADT Strongbond is uniquely engineered to adhere and cure effectively on wet surfaces and even underwater, making it a standout solution for repairs in aquatic environments.
- **Multisubstrate Bonding:** Bonds seamlessly to diverse materials, including aluminum, steel, copper, wood, ceramics, porcelain, glass, concrete, and select plastics.
- **High Tensile Strength:** Offers robust mechanical resistance, ensuring long-lasting bonds that withstand stress, vibration, and environmental exposure.

- **Weather and UV Resistance:** Designed to endure India's extreme weather conditions, from monsoon rains to intense heat, without degrading.
- **Permanent Elasticity:** Retains flexibility to accommodate joint movement, preventing cracks or peeling over time.



ADT STRONGBOND

APPLICATIONS OF ADT STRONGBOND

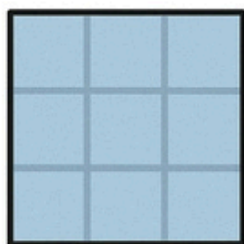
ADT Strongbond's versatility makes it suitable for a wide range of applications across various sectors in India:

- **Construction:** Seal and bond concrete, tiles, and roofing materials, even in wet conditions, for leak-proof structures.
- **Plumbing:** Fix leaks in pipes, water tanks, and sanitation systems without draining, saving time and resources.
- **Home Repairs:** Ideal for sealing aquariums, bathroom fixtures, and outdoor structures exposed to rain.
- **Automotive:** Bond and seal components in vehicles, including those exposed to water or harsh weather.
- **Industrial Use:** Suitable for heavy-duty bonding in manufacturing, HVAC systems, and infrastructure projects.

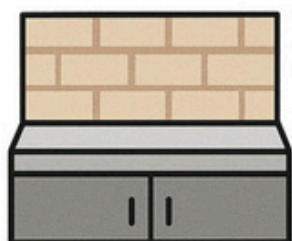
Inside or outside – this sealant is perfect for



Mirrors



Tiles



Wall panels



Wood, plastic,
metal, stone
& more

No drilling
or nails
needed



Works on
damp
surfaces



Weatherproof
& long-lasting



Neat finish –
no mess



WHY ADT STRONGBOND IS PERFECT FOR INDIA

India's diverse geography, from coastal regions to flood-prone areas, demands robust solutions for water-related challenges. ADT Strongbond addresses these needs with:

- **Monsoon-Ready Performance:** Its ability to bond underwater ensures repairs can be made during heavy rains, a critical feature for India's monsoon season.

ADT STRONGBOND

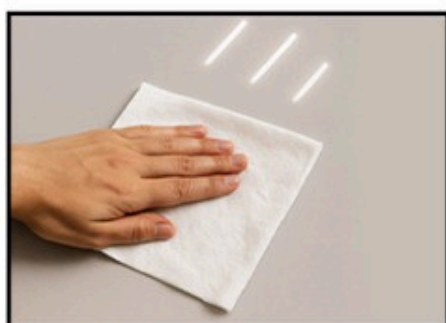
- **Cost-Effective Repairs:** Eliminates the need to drain water bodies or wait for surfaces to dry, reducing downtime and costs.
- **Versatility for Indian Homes:** From urban apartments to rural households, ADT Strongbond caters to a wide range of repair and construction needs.
- **Eco-Conscious Design:** Safe for use in potable water systems and environmentally sensitive areas, aligning with India's growing focus on sustainability.

HOW TO USE ADT STRONGBOND

To achieve optimal results with ADT Strongbond, follow these simple steps:

- **Surface Preparation:** Ensure surfaces are clean, free from dust, grease, or loose particles. For wet surfaces, remove excess water if possible.
- **Application:** Cut the cartridge tip to the desired bead size and apply using a caulking gun. For underwater use, apply firm pressure to ensure adhesion.
- **Press and Bond:** Press surfaces together firmly to remove air pockets. For porous surfaces, use a blow dryer to enhance adhesion if needed.
- **Curing Time:** Allow 24–48 hours for full curing, depending on environmental conditions. Adhesion strengthens over time.

HOW TO USE



Ensure both surfaces are clean and sound



Cut the nozzle at an angle as required.



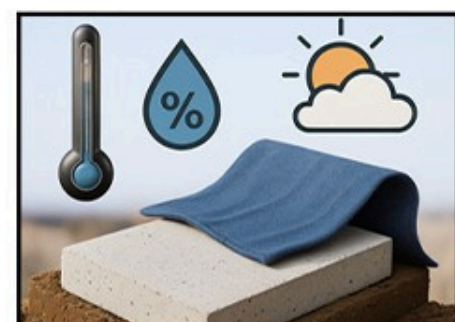
Pierce the inner seal of the cartridge before use.



Apply the sealant in a straight bead to avoid gaps.



Firmly press the substrate against the surface.



Allow adequate curing based on temperature and humidity.

Note: ADT Strongbond cannot be repositioned once applied, so ensure precise placement.

ADT STRONGBOND

TECHNICAL SPECIFICATIONS

PROPERTY	DETAILS
Base Material	MS Polymer
Packaging	310 ml Bottle
Color	White
Curing Rate	Moisture Cure (3-4mm/day)
Tensile Strength	High mechanical resistance
Temperature Range	Do not apply below 0°C or above 45°C.
UV Resistance	Excellent, suitable for prolonged outdoor exposure
Water Resistance	Bonds and cures underwater; resistant to fresh and saltwater
Shelf Life	12 months when stored in a 25°C from the month of manufacture.

ADT StrongBond is a high-performance MS Polymer-based multi-substrate adhesive sealant, designed for interior and exterior construction applications. It is UV-resistant, anti-fungal, and paintable after curing, making it ideal for exposed applications. It has a skin formation time of 20–30 minutes and a full cure time of 24–48 hours depending on joint thickness and humidity. The product is solvent-free, low VOC, and compliant with **IS 9103:1999 (Reaffirmed 2021)** construction sealant standards, ensuring long-term durability and safety. Available in 310 ml cartridges, it maintains shelf life up to 12 months when stored between 5°C to 25°C in dry conditions.

ADT STRONGBOND

CASE STUDY: EMERGENCY WATER TANK REPAIR AT GAGAN APARTMENTS, MUMBAI

- **Background:** Gagan Apartments is a residential complex in Mumbai with over 30 families. During peak monsoon season, the main rooftop water tank developed a persistent leak. With continuous rainfall and the tank in active use, immediate repairs posed a challenge. Shutting down the water supply for an extended period would inconvenience residents.
- **Challenge:** Traditional sealants and tapes were not effective as they required the surface to be dry and often needed time for proper curing. The maintenance team was searching for an adhesive solution that could bond and seal the leak underwater without disrupting water service.
- **Solution:** The maintenance manager, Mr. Sahil Joshi, decided to try ADT Strongbond after speaking to the local hardware supplier. The team cleaned the area around the leak as much as possible, applied ADT Strongbond directly onto the wet, leaking surface, and gently pressed it in place.
- **Results:** The leak stopped within minutes, and after allowing a full 24-hour cure, the repair held strong, even during further monsoon showers. Residents did not experience any prolonged disruption in water supply. Three months later, the maintenance team reports that the repair is still holding perfectly, and no further leakage has occurred.

FEEDBACK

"We were amazed that a sealant could work so well underwater, even in the middle of heavy rain. ADT Strongbond saved us from a major headache and kept our residents happy."

— **Sahil Joshi**, Maintenance Manager, Gagan Apartments

WHERE TO BUY

ADT Strongbond is available through ADT Industries' authorized distributors across India. Visit our website at <https://www.adtchemical.com/> or contact our sales team at **8080098992** to find a supplier near you. Available in **310ml**.

ADT STRONGBOND

ASTM C920 COMPLIANCE SECTION

ASTM C920 – Performance Classification

ADT Strongbond complies with the essential performance parameters of **ASTM C920** – the global benchmark for elastomeric construction sealants. Based on internal lab testing and third-party verifications in progress, ADT Strongbond meets or exceeds the following:

- **"Type:** S (Single Component – Ready to Use)"
- **"Grade:** NS (Non-Sag – Ideal for vertical joints and overhead applications)"
- **"Class:** 25 ($\pm 25\%$ Joint Movement Capability)"

Key Test Benchmarks Achieved

- "Adhesion and cohesion after 25% cyclic movement (Pass)"
- "UV and weathering resistance for 500 hours (Pass)"
- "Shore A hardness between 25-40 (Pass)"
- "Tack-free time within 1-2 hours (Pass)"
- "No sag or slump observed on vertical surfaces (Pass)"
- "Water immersion adhesion (Pass)"

Tested under controlled lab conditions. Third-party ASTM certification under progress with NABL-accredited lab partners.

ABOUT ADT INDUSTRIES PRIVATE LIMITED

ADT Industries Private Limited, headquartered in **Navi Mumbai, Maharashtra**, is a premium manufacturer and solution provider in the field of **waterproofing systems, construction chemicals, advanced adhesives, and sealants**. Founded with a bold vision to set new industry benchmarks, the company caters to a **niche, quality-driven clientele**—including architects, consultants, infrastructure companies, and elite real estate developers.

We specialize in **performance-engineered products** designed to withstand India's most challenging construction environments—from monsoon-soaked foundations to UV-exposed facades. Our flagship innovation, **ADT Strongbond**, exemplifies our commitment to next-generation bonding technology, offering **underwater sealing, high tensile strength, and zero-VOC performance**—ideal for critical applications where failure is not an option.

ADT STRONGBOND

More than just a supplier, **ADT Industries Private Limited** positions itself as a **trusted performance partner**, offering **technically sound, compliance-ready, and durable solutions**. With a deep understanding of material science, a strong focus on sustainable chemistry, and a relentless pursuit of excellence, we are helping build India's future—one strong bond at a time.

"We serve the top-tier segment of the market—clients who value trust, durability, and expert-backed innovation."

CONCLUSION

ADT Strongbond is more than just an adhesive sealant—it's a **precision-engineered solution** built for **India's toughest conditions**. Its **underwater bonding capability** sets it apart from conventional products, delivering **unmatched performance and reliability** across monsoons, marine environments, and critical construction scenarios.

Whether you're sealing a rooftop during the rains, repairing a water tank without draining it, or bonding façade panels on high-rise structures—**ADT Strongbond offers durability, speed, and peace of mind** for professionals and homeowners alike.

Why Professionals Trust ADT Strongbond

- **Precision** - Seamless, design-forward bonding for superior aesthetic and structural outcomes.
- **Safety** - Zero VOCs, non-flammable, and ideal for sensitive indoor and confined environments.
- **Speed** - Fast application with minimal tools and surface prep—because time is money.
- **Sustainability** - Eco-compliant, solvent-free, and engineered to meet the latest green building standards.

Backed by **ADT Industries Private Limited**, a name synonymous with innovation and integrity, **ADT Strongbond** empowers architects, builders, and engineers to deliver high-performance outcomes— from concept to completion.

"JAHA JOD, VAHA BHAROSA"
WHEREVER THERE'S A BOND, THERE'S TRUST.

**WANT TO
TRY THIS?**

PREMIUM MS POLYMER ADHESIVE

HIGH STRENGTH MULTIPURPOSE ADHESIVE SEALANT

ADT STRONGBOND is a premium, high-strength, quick grab sealant designed to bond a wide range of substrates with ease. Known for its excellent durability, superior weather resistance, and eco-friendly composition, it delivers long-lasting performance in both interior and exterior applications. It even works effectively on damp surfaces.

IDEAL FOR

- ✓ Mounting and fixing of mirrors, metals, glass, plastics, wood, concrete, marble, stone, and more.
- ✓ Perfect for interior and exterior fit-outs, including wall claddings, tiles, ACP & uPVC panels, mirror installations, and decorative elements.



**FOR MORE INFORMATION OR TO PLACE AN ORDER,
REACH OUT TO ADT INDUSTRIES**

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