Sealex®
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TECHNICAL SUBMITTAL



FIX ALL Sx-700

HYBRID NO-NAIL ADHESIVE



Sealex Sx-700 is a high-performance, non-solvent, non-corrosive adhesive specifically designed for mounting mirrors and interior wall fixtures. Sx-700 uses proprietary hybrid adhesive technology which ensures a strong bond to most substrates. Sx-700 is low in VOC and conforms to LEED Green Building Standards making it non-toxic and safe for occupants in the building.

- Superior adhesion strength
- Odor-free application
- Non-corrosive on glass and metal surfaces
- Maintains a firm hold throughout its service life
- Meets LEED Green Building Standards
- Low VOC and non-toxic formula

NEW Fast-Drying, Firm Attachment **IN 25 MINUTES**

SCAN QR CODE FOR INFORMATION

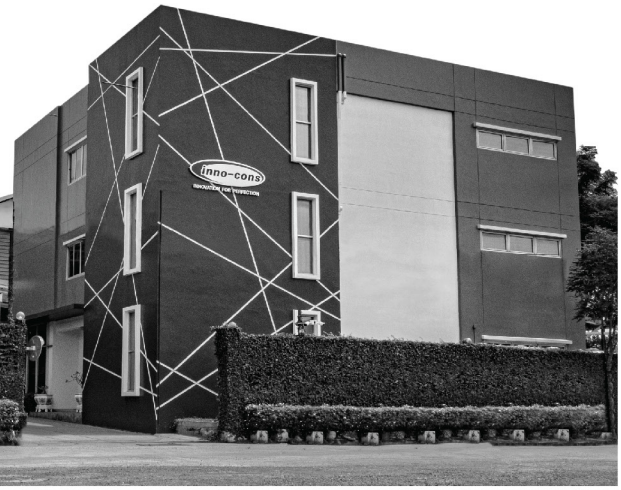
MTEC a member of NSTDA

GREEN STANDARDS

** LEED 2009 for New Construction and Major Renovations: Low Emitting Materials (Section 4.1), SCAQMD rule 1168 (2005)*

** ASTM D 2369 EPA Method 24 VOC content 18 g/l or 1.2%*

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COMPANY PROFILE

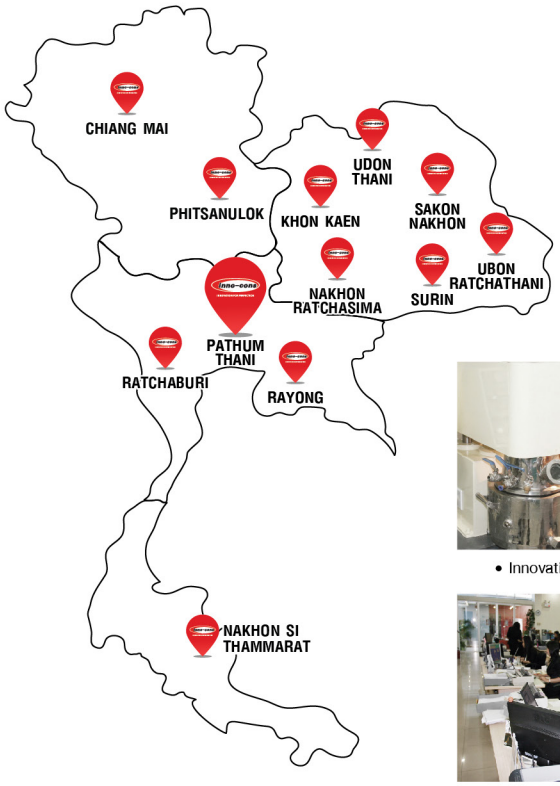
Sealex Chemical Co., Ltd. is a sealant and adhesive manufacturer subsidiary of the Inno-Cons Group of companies. Inno-Cons is a major supplier of construction material throughout the Kingdom of Thailand and South East Asia since 1992, focusing on construction products for metal building, pre-fabricated building, aluminum, glass and precast concrete industries.

Products offered by Sealex include :

- Hybrid sealant offering less stain, less dirt pick-up, anti-fungus, low VOC, paintable sealant for perimeter, wall joints and all weather applications.
- Hybrid sealant technology offers non-solvent, low VOC adhesive for flooring, automotive and no-nail applications.
- High performance silicone and acrylic sealants.

YOUR SATISFACTION, OUR PRIORITY

- **12 Distribution Centers** — Covering the entire Kingdom of Thailand
- **Sales Team** — Knowledgeable and professionally trained sales team
- **Customer Relations Team** — Highly experienced team for handling all inquiries and after sales services
- **Delivery Team** — Strong logistic team to fulfill all nationwide deliveries on time
- **Technical Service** — Expert technical teams ready to serve and assist all technical matters
- **Quality Management System** — QMS Standards of ISO 9001:2015 for consistently providing quality products and services to customers and regulatory requirements
- **Export Markets** — Partnered and exported to overseas distributors and end-users.





• Innovation of product





• Product training for customers







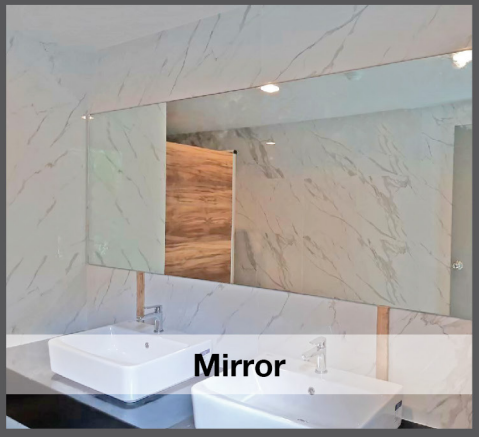
• Customer Care service that our competitors and business associates speak about



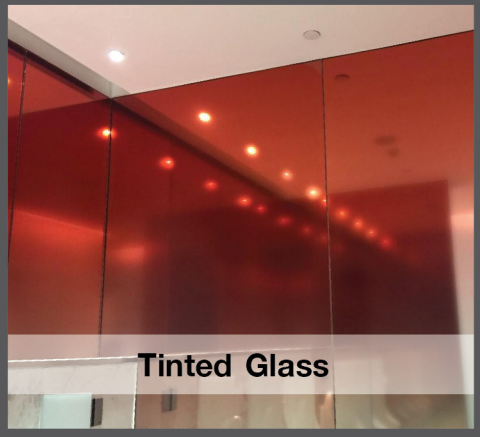
• On site Technical Service



Granite



Mirror



Tinted Glass

Features	Benefits
Excellent adhesion to most substrates	Versatile and flexible in applications.
Isocyanate and solvent free	Safe to users and owners especially interior applications. Green & environmentally friendly.
Low VOC	Less than 2% Certified by Leed 2009 for new construction and major renovations. Low Emitting material (section 4.1) SCAQMD rule 1168 (2005)
Odor-free	Safe and comfortable breathing for occupants
Non-Flammable	Providing safety for occupants and asset protection
One part system and primerless	Versatile and easy to apply and adhere even to wet surface.
Strong Bonding	Shear tensile between wood and mirror at 7 days. Fully cured at 100kg/in²
Non Toxic	Safe for users.
No corrosion on coating mirror	No spots on mirror
Fast curing	Fast curing within 25 minutes, reaching up to 85% of its full shear tension strength

Applications

- Mirror panel
- Wood paneling joint
- Ceramic
- Skirting (PVC)
- Skirting (Polystyrenes)
- Cabinets
- Concrete.
- Fiber Cement Board

Technical Specification

Basic Material	Hybrid Sealant
Color	White
Odor	Odorless
Specific Gravity	1.4 - 1.7
Viscosity	300 - 500 Pa.s (10 rpm, at 23°C)
Tack Free Time	10-20 mins (23°C, 50% RH)
Application Temperature	5°C to 40°C
Service Temperature Range	-30°C to 90°C
Hardness	60 ±5 Shore A
Shelf Life	12 months
Ultimate Shear Tensile (plywood with mirror)	160 ±10% kg./in² (Full Cured 7 days) 140 ±10% kg./in² (25 min After Install)
Adhesion in peel	> 100 N/25 mm. (Concrete substrate) > 100 N/25 mm. (Mirror substrate) > 100 N/25 mm. (Plywood substrate)

Recommendation

Not recommended for copper based material, PE, PP, PTFE, silicone and natural rubber substrate.

Type of bonding	Load (g./cm²)
Lower supporting edge	60
Without supporting	5

Product Size & Accessory



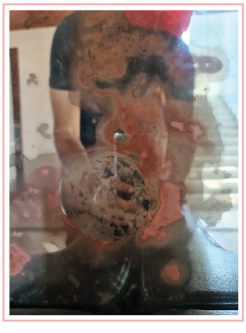
415 g.
(Cartridge)

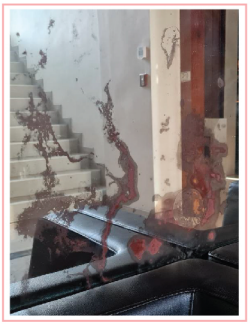


Sealant Cartridge Gun

Corrosion and staining on mirror







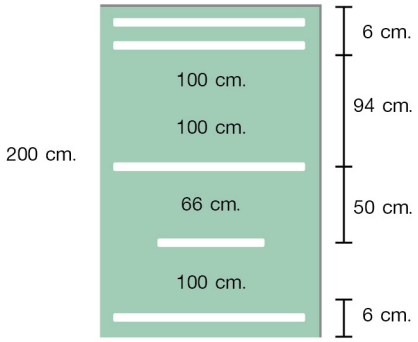
Solvent-based adhesives consistently encounter issues with corrosion and staining.

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Application guideline for:

(Thickness) 1.2cm x (W) 100cm. x (H) 200cm.

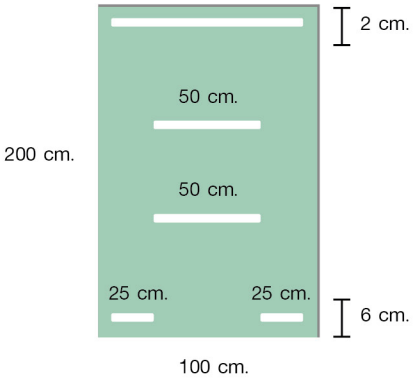
Mirror Thickness 1.2 cm.



Application guideline for:

(Thickness) 5-6mm x (W) 100cm. x (H) 200cm.

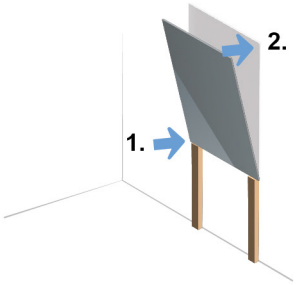
Mirror Thickness 0.5-0.6 cm.



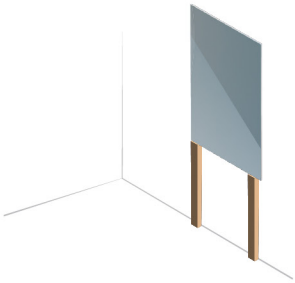
Apply **Sx-700 Adhesive** at the back of the mirror or substrate based on the above guidelines.



Position the mirror or substrate on the supporting edge followed by securing onto the wall.



Sx-700 Adhesive will cure in 25 minutes. The supporting tools can then be removed.



Usage and Preparation

Preparation of the wall surface is the most important step to ensure maximum adhesion. Follow these steps to attach the mirror to your bathroom for best adhesion results:

Step 1. For heavy mirrors, we recommend placing a supporting tool to support the mirror at the lower edge.

Step 2. Make sure the bonding surface is leveled and smooth. Use plywood or fiber cement board to level the surface of the wall.

Step 3. Clean the surface with dry fabric or remove the grease or oily surface with IPA or Xylene and wait for drying.

Step 4. Apply Sx-700 on the mirror by following the above table(s) to determine the correct amount of adhesive then hold and press against the wall for 5 minutes.

Step 5. Sx-700 will cure in 25 minutes. The supporting tool can then be removed.

Step 6. If the mirror weighs less than 1kg, it can be directly mount onto the wall by following the above steps without the supporting tool mentioned on Step 1.





LIMITED WARRANTY

The information contained in this document offered in good faith is believed to be accurate. However, as it is beyond our control on the conditions and methods of use of our products by our clients the information contained in this document should not be used in substitution for customer's tests to ensure that our products are safe, effective, and fully satisfactory for the intended end application.

Sealex warranties that all Sealex products meet the specifications herewith at the time of shipment. In the event of breach of such warranty Sealex is limited to refund of purchase price or replacement of any product shown to be other than as warranted.

inno-cons

INNOVATION FOR PERFECTION

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