

Instant & Two Part Screen Fabric Adhesives

Xtreme PowerBond is a complete line of instant and two part adhesives with superior performance in a variety of production environments, including automatic reclaim applications. The Xtreme PowerBond adhesive range is comprised of two basic adhesive technologies. The Instant adhesive was engineered for the use with a priming accelerator to instantaneously activate the liquid adhesive. The Two-part adhesive utilizes the addition of a liquid catalyst before the adhesive is applied to the surface and then air dried. Xtreme PowerBond Screen Adhesive Technology offers unique chemistry which improves performance with superior bond strength, faster set speeds, greater flexibility, and higher temperature, solvent and impact resistance.

Instant Adhesives

- Faster set speeds
- Greater flexibility
- High temperature and impact resistance
- Low VOC - SCAQMD Compliant
- Cures Instantly
- Bonds with all types of frames
- Excellent bonding strength, with high shear and low peel
- Diverse product offering - Different viscosities for different mesh counts

Product Range

XPB-100 Thin Viscosity Spray-Activated Instant Adhesive
 XPB-500 Medium/High Viscosity Spray-Activated Instant Adhesive
 XPB-800 Thick Viscosity Spray-Activated Instant Adhesive

XPB-ACT Instant Adhesive Spray Activator

Xtreme PowerBond Instant Adhesives are available in 16 oz. pack sizes. XPB-ACT is available in an 11 oz. and 5 gallon can. One can of XPB-ACT will activate up to 16 oz. of XPB Instant Adhesive.

Xtreme PowerBond Adhesive products perform well on a wide range of mesh counts, depending on variables such as application technique, individual shop conditions, and user preference. The chart below illustrates standard recommended usage. Contact Sericol Technical Service for assistance in choosing the appropriate product.

	MESH COUNT							
	60	110	156	230	305	390+	ACTIVATOR	THINNER
INSTANT ADHESIVES								
XPB-100 Thin (100 cPs)							XPB-ACT	N/A
XPB-500 Medium/Thick (500 cPs)							XPB-ACT	N/A
XPB-800 Thick (800 cPs)							XPB-ACT	N/A
2-PART ADHESIVES								
XPB-359 2-PT FLEX Adhesive w/Catalyst							XPB-SET (Included)	Acetone

Note: End-use must determine suitability of this product for the intended use prior to production.

Application Instructions

1. Always use a clean, dry frame. It is recommended to lightly sand and degrease new steel and aluminum frames.
2. Ensure mesh is stretched uniformly over the frame and is in contact with the entire frame surface.
3. Apply a single, uninterrupted bead of adhesive to the face of the frame.
4. Evenly spread the adhesive immediately with a flat-edged tool.
5. Spray XPB-ACT Adhesive Activator lightly but thoroughly from a 12" - 15" distance from the frame. The adhesive will harden instantly.
6. Trim away any excess mesh. The frame is now ready for use. Maximum cure is achieved in 24 hours.

Storage

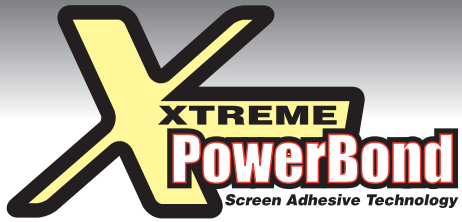
Products should be stored in a cool, dry place out of direct sunlight. Refer to material safety data sheets for materials and conditions to be avoided.

Safety & Handling

Read the material safety data sheets carefully for safety, handling, and waste disposal information. Keep container tightly closed. Avoid breathing vapors. Handle with care.

Instant Adhesive Warning: This product will bond skin and tissue instantly. Avoid contact with skin and eyes. Refer to the material safety data sheets for additional information and First Aid measures.





Instant & Two Part Screen Fabric Adhesives

Two-Part Adhesives

- Exceptional resistance to solvents and most reclaim chemicals
- Fast Drying
- High mesh tension achievable within minutes after application
- Low VOC—SCAQMD Compliant
- Methylene Chloride-Free
- Bonds with all types of frames
- Long mixed pot life (4-6 hours) for XPB-359

Product Range

XPB-359 2-PT FLEX Adhesive w/Catalyst

The Xtreme PowerBond Two-Part Adhesive is shipped with 2 complimentary 2 oz. bottle of Catalyst.

Application Instructions

1. Mix 4 oz. of Catalyst to one gallon of XPB-359. If measuring by weight, use a ratio of 4% Catalyst to adhesive. Mix only the amount of adhesive required, as catalyzed adhesive has a limited pot life (XPB-359: 4-6 hours).
2. Thin as necessary, using Acetone at up to 20% by weight. Higher mesh counts will require thinner.
3. Always use a clean, dry frame. It is recommended to lightly sand and degrease new steel and aluminum frames.
4. Ensure mesh is stretched uniformly over the frame and is in contact with the entire frame surface.
5. Apply catalyzed adhesive to the stretched fabric and frame by one of the following methods:
 - Brushing Method: Apply the adhesive with a stiff brush, making sure to work the adhesive through and around the mesh. Avoid any high spots such as drips or ridges.
 - Squeeze Bottle / Scraper Method: Squeeze an even bead of adhesive using a squeeze bottle. Smooth the adhesive on the frame surface, making sure to work the adhesive through and around the mesh. Avoid any high spots such as drips or ridges.

6. Allow adhesive to dry for the recommended time period, and at least 3-4 hours to gain resistance to solvent, water, protective lacquer and degreasing. Depending on temperature, humidity, and the amount applied, adhesive will dry with high strength as follows:

- XPB-359: 7-20 minutes, achieving full cure and maximum solvent resistance after 24 hours at 72° F.

7. Trim away any excess mesh. The frame is now ready for use.

Storage

Containers should be tightly closed immediately after use. Keep away from sources of ignition and store product in a cool, dry location. Refer to material safety data sheets for materials and conditions to be avoided.

Safety & Handling

This product is a flammable liquid and the hardener is an isocyanate. Read the material safety data sheets carefully for both the Adhesive and Hardener for safety, handling, and waste disposal information. Handle with care. Ensure adequate personal protection and ventilation.

The information and recommendations contained in this Technical Data Sheet, as well as technical advice otherwise given by representatives of our Company, whether verbally or in writing, are based on our present knowledge and believed to be accurate. However, no guarantee regarding their accuracy is given as we cannot cover or anticipate every possible application of our products and because manufacturing methods, printing stocks and other materials vary. For the same reason, our products are sold without warranty and on condition that users shall make their own tests to satisfy themselves that they will meet fully their particular requirements. Our policy of continuous product improvement might make some of the information contained in this Technical Data Sheet out of date and users are requested to ensure that they follow current recommendations.