Chemical Consultants INCORPORATED

CHEMBOND® 2000-H.T.A. (HIGH TENSION ADHESIVE) Two-Part Frame Adhesive

General Description

ChemBond® 2000-H.T.A. is a fast drying, two-part (A&B), High Tension Adhesive. This adhesive offers excellent chemical resistance with very high shear strength. It is especially formulated to bond fabric (mesh) to aluminum, wood, plastics, and all other types of metal. ChemBond® 2000-H.T.A.'s initial drying (bond) time of 3-10 minutes allows for quick screen "cut-out" and increased production.

Quick Tip:

Bubbles showing through the adhesive indicate poor frame contact.

Advantages

- **Fast Drying (Initial Bond)**
- **Superior Bond Strength**
- **Ideal For High Tension Stretching**
- **Optimal Viscosity - Spreads Easily**
- **High Contrast Red Color**
- **Chemical Resistant**
- **Does Not Contain Methylene Chloride**
- **Bonds To A Variety Of Substrates**
- **Long Shelf Life (Not Catalyzed)**
- **Long Pot Life (After Catalyzed) / 30-90 Minutes - Open Container**

Mixing Instructions:

By Weight - mix 100 weight parts of CHEMBOND® 2000-H.T.A. (part "A") with 20 weight parts CHEMBOND® CATALYST (part "B").

By Volume - mix 100 volume parts of CHEMBOND® 2000-H.T.A.(part "A") with 15 volume parts of CHEMBOND® CATALYST (part "B").

* *A higher percentage of CHEMBOND® CATALYST (part "B") may be used to achieve greater solvent resistance and for pre-coating the frame. However, increasing the catalyst will make the adhesive more brittle.*

Application

1. Remove excessive adhesive residue from the frame. The frame surfaces should be even. Frames should be free of dust, oil, grease, water, and solvent before applying the adhesive.
2. Using slight pressure, apply CHEMBOND® 2000-H.T.A. with a short bristle brush or scrapper onto the bonding area of the mesh. Make sure that a sufficient amount of adhesive is worked through the mesh and obtains full contact with the frame. Bubbles in the adhesive indicate poor contact between mesh and frame.
3. Initial adhesive bond (frame cut-out) will be achieved within 3-7 minutes depending on ambient temperature, application thickness, and mesh count. After 3-4 hours, the adhesive is relatively resistant to water and solvent. Full cure and solvent resistance is achieved after 24 hours.

Sizes Available:

Quart **Gallon** **Kit Includes: Adhesive and Catalyst**

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