



Chemical Consultants
INCORPORATED

ProChem® HardenX

Emulsion Hardener

General Description

ProChem® HardenX is a one part, post exposure, chemical hardener designed to increase the water resistance of photo-emulsions. HardenX increases the print durability and reduces premature stencil breakdown. It is excellent for high humidity conditions. With some emulsions, HardenX may produce a waterproof stencil that is difficult to reclaim.

Advantages

- Easy to Use
- High Contrast - Pink Color
- Dramatically Increases water-resistance
- Dramatically increases emulsion print durability
- Ideal for water-base and discharge printing
- Reduces emulsion "break-down" on press
- Non Flammable
- Water-Based
- Low Odor
- No VOC (Volatile Organic Compound)
- Mesh Safe
- Biodegradable / Drain Safe

Application

Prior to application, make sure the emulsion has been properly exposed, washed out, and thoroughly dried.

Step 1.

Apply HardenX generously to both sides of a dry screen with a brush, sponge, pad, or a rag.

Step 2.

Allow the HardenX to evaporate and completely dry on the screen. Do not force dry HardenX on the screen. Do not force dry with fans. For best results, allow the screen to dry and cure for 24 hours.

*Higher water-resistance can be achieved by curing (drying) the HardenX at higher temperatures. Do not exceed 140°F / 60° Celsius.

Reclaiming:

The use of HardenX will make the emulsion harder to reclaim. A stronger reclaim solution may be required. The use of a high pressure washer is recommended. The Use of CCI's Prochem™ HDX or Ultra-DX will break the HardenX chemical bond and make the reclaim process much easier.

Available in:

1 quart 1 gallon 5 gallon 55 gallon

Quick Tip:

HardenX residue in the open areas of the screen can be removed with a press solvent or will open up after a few prints.



1022 HP

1000 P.S.I.

[Click here for more details.](#)



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1850 Wild Turkey Circle - Corona, CA 92880 PHONE (951)735-5511 FAX (951)735-7999 www.ccidom.com