

CATAFIX 500

CHEMICAL HARDENER FOR SCREEN EMULSIONS

DESCRIPTION:

CATAFIX 500 is a chemical hardner used to increase the water resistance for all photoemulsions we produce, textile emulsions and especially recommended for CERA MESH WSR for the ceramic industry.

PRODUCTS: CATAFIX 500 (Ready for use)
CATAFIX 500 (Concentrated)

PREPARATION WITH CONCENTRATE:

PROPORTION:

9 parts of water / 1 part CATAFIX 500 Concentrate increase WATER PROOF STENCIL making it Reclaimable.

4 parts of water / 1 part CATAFIX 500 Concentrate increase WATER PROOF STENCIL making it NOT reclaimable.

APLICACION:

Apply CATAFIX 500 (ready to use) or CATAFIX 500 (Concentrate) previously prepared with a brush or rag to both sides of the imaged, dry screen. Allow for the hardener to evaporate at room temperature, but don't force-dry with fans. The drying time depends on the environment and may take up to an hour. This will allow for the hardener to evaporate from the open areas of the screen and for the emulsion to absorb the hardener.

Further drying at elevated temperatures will result in "heat setting" that will increase water resistance. A high "setting temperature" and long "setting time", will produce a higher water resistance.

THERMOSETTING:

1 HOUR AT 140° Fahrenheit or 60° Clesius

3 HOUR AT 100° Fahrenheit or 40° Clesius

24 HOUR AT 68° Fahrenheit or 60° or room temperature.

PRECAUTION / IMPORTANT:

Hardener residue in the open areas of the screen can be removed with solvents or will open up after a few prints.

Reclaimable or not reclaimable depends OF THE PROPORTION OF WATER , WITH CATAFIX 500 CONCENTRATE.

CATAFIX 500 (ready to use) , make the stencil reclaimable.

FABRICACION Y VENTAS:



ADVANCE

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