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TECHNICAL INFORMATION

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## **FOTECHEM 2350/2355 GREEN 2-Component Screen Adhesive**

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This FOTECO product is intended for a fast and reliable bonding of screen mesh to printing frames made of aluminium, steel or wood and features a very high adhesion power. The system consists of FOTECHEM 2350 (Adhesive), FOTECHEM 2355 (Hardener, Catalyst) and FOTECHEM 2327 (Reducer).

The FOTECHEM Screen Adhesive has excellent solvent resistance and dries in 15 - 20 minutes to reach enough mechanical strength to remove the frame from the tensioning device. The time depends on the number of the mesh, the ambient temperature (20°C) and the relative humidity (65% RH). The drying time is approx. 2 - 3 hours and the complete hardening is achieved after 24 hours according to the ambient conditions. Usage at temperature below 17°C should be avoided.

The FOTECHEM Screen Adhesive is extremely appropriated for high module mesh and can be used in automatic wash-out and reclaiming devices.

FOTECHEM 2350 is blue, FOTECHEM 2355 yellow; once mixed together the final product is green.

The FOTECHEM Screen Adhesive, once mixed, can be reduced with up to 10% FOTECHEM 2327 Reducer if applied on fine mesh numbers. FOTECHEM 2350/2355 has a high viscosity and is suitable for coarse meshes. Furthermore it has a high humidity resistance. For the cleaning of brushes and cans ethyl-acetate is appropriate.

### Mixing ratio:

5 parts by weight of FOTECHEM 2350 to 1 part by weight of FOTECHEM 2355.

The mixing of the 2 components must be done accurately. It is of highest importance that this rule is maintained at all times.

Pot-life 50 - 60 minutes at room temperature of max. 25°C and relative humidity of 65%. The stocking time for unopened cans is approx. 12 months for FOTECHEM 2350 and 6 months for FOTECHEM 2355.

It can no longer be regenerated by adding reducer in case the pot-life is extended.

Apply the FOTECHEM Screen Adhesive with a brush not too soft, through the stretched mesh on to the degreased and clean frame. If a product of the opposition has been used before, the old adhesive residues must be removed.

The FOTECHEM Screen Adhesive can gel at temperatures below 5°C (conditions during transportation or storing) and reaches at room temperature again its normal liquidity; this effect has no influence on the quality of the adhesion.

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