

Screen Colour Systems

GT 2017 Azo Coat W Technical Data Sheet

Description

Azo Coat W is a diazo emulsion specially formulated for textile printing. It is suitable for water based and plastisol inks.

It has excellent mesh bridging properties and is recommended for both half tone and line work. It is very hard wearing, has a medium exposure and is easily reclaimed.

Technical Info

Medium viscosity
Colour: Purple
41% Solids content
Biodegradable
Non hazardous

Application

Azo Coat W is recommended for mesh counts from 32 threads per cm up to 120. Before coating ensure the mesh is dust & grease free. The application of GT1003 Degreaser Gel and subsequent thorough rinsing with water is recommended. Once the mesh is dry, Azo Coat W can be coated 1/1, 1/2, 2/2 depending on the mesh count and the stencil thickness required. For a higher quality stencil (flatter surface, sharper edges) 1 or 2 additional coats can be applied to the substrate side after the original coating has dried.

Storage

Storage temperature for Azo Coat W must not exceed 20°C. The unsensitised emulsion has 12 months pot life, after sensitising the emulsion should be used within 2 – 3 months and kept in a cool dark area such as a fridge or basement. Coated frames can be kept below 20°C unexposed for up to 3 weeks.

Exposure

Because there are so many variables in exposing the emulsion, such as different lamp types and age, the distance from the lamp to the screen, mesh counts, colour and stencil thickness, it is impossible to give a definitive exposure guide. We recommend the end user conduct their own test exposure to determine an accurate exposing schedule.

Post Exposure

Re exposure to UV light (repeat the original exposure time) will increase the water resistance of the stencil for long runs. Post exposure will also make the stencil easier to reclaim.

Decoating

Decoat with AQ1020 Photosolve Gel or diluted AQ1021 Photosolve Concentrate. Wash off stencil with high pressure water immediately after applying the decoater.

Standard Packaging

Azo Coat W is sold in 1 kg & 4.5 kg plastic containers.