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ANODYE SCREEN INKS

ANODYE screen inks are specifically formulated to print onto UNSEALED Anodised Aluminium. Prints produced using Anodye inks form permanent images that are an integral part of the aluminium surface.

ANODISED MATERIAL: The aluminium sheets or castings should be anodised to an oxide film of 10 – 12 microns; films of 5 microns produce only weak prints.

PRINTING & MILEAGE: Anodye inks are printed in the usual manner for screen inks, using photographic or lacquer proof stencils. No 90 monofilament meshes are recommended for strong dense prints. For fine detail prints No 110 – 120 meshes may be used.

THINNERS: Thinner R150 5 - 10%

DRYING: For maximum dye penetration it is recommended that prints are air dried for 1 – 2 hours. Drying may be accelerated by warm air up to a maximum of 70c. When dry further prints may be made in the same manner.

SEALING: After printing is complete, the sheets/castings must be sealed by one of the following methods:

1. 20 –30 minutes in boiling water ph 5.5
2. Steam for 20 – 30 minutes
3. Nickel Acetate solution ph 5.5 at the boil for 20 – 30 minutes

FINISHING: After sealing the Anodised Aluminium it will no longer accept the dye contained in the ink. The ink film remaining of the surface must now be removed using a solvent cleaner.

COLOURS: A limited range of colours is available, together with transparent base to produce tints. Prints have good to excellent outside durability, with the exception of Royal Blue and Green where some change in shade may be expected.

THIS PRODUCT IS NOT SUITABLE FOR LONG TERM OUTSIDE EXPOSURE