



CLEARCLAD DYES AND TRANSPARENT COLOURANTS

Products: 510A381 Standard Yellow Dye
510A382 Standard Red Dye
510A538 Standard Blue Dye
510A509 Standard Black Dye
510A539 Brown Black Dye
510B016 Electro Blue Dye
510B093 Rose Red Dye
510B124 Pink Dye
510B145 Indian Gold Dye
510B162 Festival Yellow Dye
510B187 Orange Dye
520A595 Anodic Black Dispersion
520A867 Anodic Blue Dispersion
520B037 Cathodic Blue Dispersion
520B299 Cathodic Royal Blue Dispersion
550A991 Transparent Red Oxide Dispersion
550B104 Cathodic Bright Yellow Dispersion
550B108 Cathodic Bright Red Dispersion
550B121 Cathodic Bright Green Dispersion
550B127 Cathodic Blue Violet Dispersion
550B186 Cathodic Red Violet Dispersion
552A436 Cathodic Black Dispersion

A wide variety of decorative metal effects may be obtained by incorporating dyes and colourants into CLEARCLAD and coating onto reflective metal substrates. The characteristic even and conformal coating afforded by CLEARCLAD's electropaint process ensures that the colour effect is consistent.

Typical effects are:

Gold, brass and bronze effects on polished aluminium and zinc base metals; and zinc, silver, nickel and chrome electroplate.

Gold and bronze effects on polished brass and brass electroplate.

Other specialised effects may be obtained by applying combinations of dyes/colourants over a variety of metals with different surface characteristics.

Once the dye/colourant regime is established, the bath is made up and replenished so as to maintain a consistent dye/colourant-mix to resin ratio. In this way, control is



Product Data Sheet

maintained over the colour and intensity of the decorative effect. The appropriate proportion of dye/colourant is pre-mixed with the base resin concentrate prior to dilution to bath solids.

Do not add dyes or colourants directly to the bath.

Unless otherwise stated, CLEARCLAD Dyes and Colourants may be used in both cathodic and anodic systems. Products for use exclusively in cathodic or anodic systems will state this in the product description.

For applications which require UV light resistance, care should be taken in the selection of base resin and dye/colourant type. CLEARCLAD HSR and the CF variants of other CLEARCLAD base resins are designed specifically for UV light resistance. Advice should be sought from the LVH technical department as to the optimum dye/colourant system for demanding applications.

For health and safety data see relevant MSDS

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