

## Adhesion Loss

Delamination where there is separation of the coating film from the substrate or the previous coat.

Cause	Prevention
Incorrect coating choice for the substrate. Certain metals or plastics call for specific primers or treatments to ensure adhesion.	On ferrous or non-ferrous metal substrates apply MIROKEY 6615 Etch Primer as the first coat. For all other non-timber substrates contact your Mirotone representative or nearest Mirotone office for advice.
Unclean surface - presence of residual wax, grease or other contaminants.	Clean substrate with MIROSOL 1231 Medium Thinner, which is ideal for removing wax and grease, allow to dry and apply an appropriate Mirotone coating system.
Incompatible topcoat and sealer or undercoat.	Apply only approved coating systems as per instructions on individual Mirotone product data sheets.
Incorrect stain between intermediate coats.	Contact your Mirotone representative or nearest Mirotone office for advice on the correct procedure for MIROSTAIN shade coating between intermediate coats.
Poor or no sanding of substrate or between coats.	Follow the sanding procedures as outlined on the relevant product data sheet, both for substrate preparation and inter-coat sanding. Sand back the coating to a smooth, even and matt finish.
Using too fine a grit of sand paper causing a polishing effect on the substrate or between coats.	Follow the sanding procedures as outlined on the relevant product data sheet, both for substrate preparation and inter-coat sanding. Sand back the coating to a smooth, even and matt finish. Do not over sand.
Overly thick coating film of sealer or undercoat applied.	Apply all Mirotone coatings to the correct Wet Film Thickness as per instructions on the relevant product data sheet.
Wiping stains not correctly wiped off and coated too soon.	Replace clean wiping rags frequently to prevent over saturation. Keep wiping down the stain until the surface is wiped dry. Do not recoat until the instructed drying time, as shown on the product data sheet, has elapsed, even if the stain appears to be dry.
Applying coating to damp wood.	Use correctly seasoned wood substrate which has a moisture content of less than 15% immediately prior to commencing Mirotone coating operations. When coating MDF board maintain dimensional board stability.

## Adhesion Loss

Delamination where there is separation of the coating film from the substrate or the previous coat.

Wood inadequately sealed for use in damp areas.

In damp end use conditions (i.e. bathrooms, kitchens, laundries etc) seal wood with MIROTHANE PU 5545 clear sealer before applying Mirotone clear topcoat.

Use of highly resinous heart wood such as Teak.

Wash down resinous heart wood substrates with MIROSOL 1215 Ultra Fast Thinner using a two rag cleaning method. Change rags frequently to prevent recontamination. Allow to dry and seal the substrate with MIROTHANE PU 5545 clear sealer before applying Mirotone clear topcoat.