



Cracking

Formation of breaks in a coating film that exposes the underlying substrate or coating (also called crazing or mud cracking).

Cause	Prevention
Application of two pack coating systems over single pack coatings. Coatings of similar elasticity should be applied.	Apply only approved Mirotone coating systems as per instructions on the product data sheets.
Previous coat not properly dry.	Do not recoat until the elapsed drying time has been reached as per instructions on the relevant product data sheet.
Coating application to unseasoned wood.	Use correctly seasoned wood substrates that have moisture content of less than 15% immediately prior to commencing coating operations.
Coating application to dimensionally unstable MDF board causing edge cracking.	When coating MDF board, maintain dimensional board stability through atmospheric temperature control before the application of a Mirotone coating system.
Attempts to cover cracks in the substrate by using excessive build up of coatings.	Fill all cracks, holes, splits etc with a water based wood filler prior to the application of a Mirotone coating system.
Inadequate stirring of coating leading to incorrect film properties.	Always thoroughly stir Mirotone coatings prior to application preferably using a power stirrer. Alternatively use a 20mm wide stirring stick, using a lifting motion to ensure that the contents at the bottom of the can are thoroughly mixed in.