

Duralac Green Jointing Compound - 115ml



Duralac Green jointing compound, clever corrosion control is a chromate free jointing compound designed to inhibit electrolytic decomposition between dissimilar metals - often called galvanic corrosion.

It is a single pack, air setting product.

Used correctly, Duralac Green prevents anodic decomposition.

Duralac Green has excellent protection properties for metals in contact with:

- Wood
- Synthetic Resin Composition
- Leather
- Rubber
- Fabrics etc

Properties

Duralac Green has low solubility in water and will not erode with time; even when subjected to high pressure from considerable water flow. Duralac Green enjoys excellent adhesion properties to most substrates and because of its tough flexible composition, has very low water absorption.

Duralac Green has a two year shelf life from the date of dispatch when stored below 20°C.

Once a container is opened, the remaining Duralac Green will form a skin.

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Uses

Duralac Green is indispensable for the sealing of joints between dissimilar metals of all types: including magnesium and its alloys. Consideration should also be given to galvanic corrosion of the same metal where the electrolyte varies in concentration forming a concentration cell.

Duralac Green has excellent protection properties for metals in contact with wood, synthetic resin composition, leather, rubber, fabric etc. When components of a structure are of different materials, it is essential the 'points or faces' of contact be treated with Duralac Green to inhibit corrosion in the presence of an electrolyte where considerable differences in potential arise. Components of the same metal in contact with one another under different stresses will also benefit from the use of Duralac Green to inhibit corrosion.

Examples of where Duralac Green should be used

- Between aluminium alloy plates/extrusions and bolts or rivets used in building applications.
- In general engineering applications where dissimilar contact cannot be avoided.
- In vehicle building where aluminium alloy contacts steel.
- For marine application where corrosion is accelerated by brine concentration.
- In close proximity to the sea where a salt laden atmosphere will meet with structures and set up electrolytic cells.
- In aerospace where rivets/bolts are secured into aluminium plates.

Application

Duralac Green is supplied ready for use and must not be thinned. It is best applied by brush. When Duralac Green is applied to metal or other surfaces the volatile solvent evaporates and the compound sets to the touch, but remains tacky for a considerable period. It is important that the joint should be closed while Duralac Green is still tacky - to ensure that it will flow sufficiently under pressure to close the gaps in the joint. It will harden somewhat if a thin film is left exposed to the atmosphere for a long period and this will prevent the making of a close joint.