



BX13 3kg Bucket Electrical Joint Inhibitor Compound

**Prysman
Group**

BX13 is now obsolete, please see alternative replacements:

- [BICON BX1 3KG - Click Here](#)
- [BICON BX1 225 - Click Here](#)

Description

BICON Inhibitor compounds are designed to prevent galvanic corrosion and to enhance connections in electrical joints. They are especially effective when used on copper to aluminium and aluminium to aluminium connections.

In general BICON Inhibitor Compounds consist of a liquid base vehicle in which zinc particles are suspended. The base vehicle is a synthetic grease which prevents water and other contaminants from influencing the connection and prevents the formation of surface oxides. The zinc particles help to break down existing oxide on the conducting surfaces when those surfaces are brought together under pressure. These particles form electrical bridges which improve the connection.

Prysman Group's BICON - BX13 has a synthetic grease base. It is recommended for use where it will be in contact with insulating materials such as rubber and polyethylene. The synthetic base has no significant effect on insulating materials, nor does the grit material. In addition, BICON - BX13 has a much higher melting point. Our experience shows that BICON - BX13 Inhibitor Compounds enhance the performance of electrical connections, particularly in aluminium to aluminium and aluminium to copper joints.

Our experience shows that BICON BX13 3kg Bucket Inhibitor Compound enhances the performance of electrical connections, particularly in aluminium to aluminium and aluminium to copper joints. The compound, in bulk, is highly resistive, however, when applied as a thin film, with the aid of zinc particles, they decrease the contact resistance of a joint.

Applications:

- BICON BX13 should be used in all aluminium to aluminium and aluminium to copper joints. The contact surfaces of the elements to be joined should be thoroughly scratch brushed. The BICON BX13 should be liberally applied and any excess removed after securing the joint.
- BICON BX13 should be used for all applications where insulation will be applied to the connection.

Specifications

Compound Selection			
Part Number	New Prysman Part Number	Reference Number	Description
U8644101	CGBU8644101	BX13 3kg BUCKET	BX13 BUCKET Inhibitor Compound (3KG)

The following are the chemical and physical properties of BICON-BX13:

Components: Synthetic Grease type base. Zinc Base.

Penetration: 280.

Dropping Point (min): 260°C.

Viscosity at 380C (CS): 305

Flash Point (min): 273°C.

Composition:

(Category 'B')

Greases based on Non-petroleum products, that is, synthetic lubricants or other oils.

Synthetic grease base

Zinc dust.

FREE Technical Advisory Service

Etech maintains a free technical advisory service.

Enquiries concerning this and all other products should be directed via the sales office:- +44(0) 1744 762 929