



Kinetics Controls  
& Innovation Ltd

[www.kcilttd.co.uk](http://www.kcilttd.co.uk)

MD-Sealant  
Anti-Corrosion Coating & Leak Sealing Solution



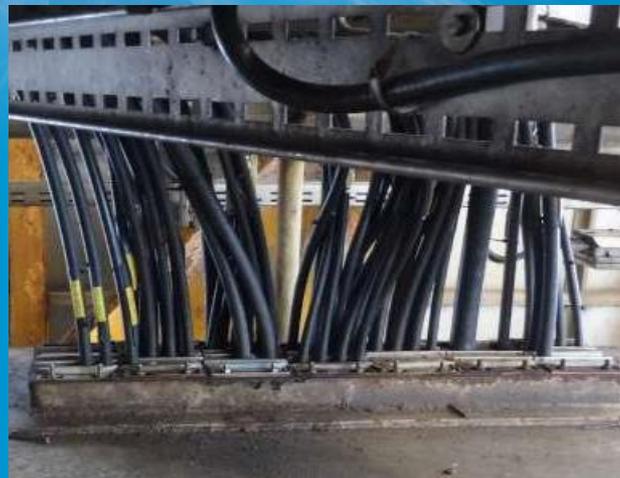
**UPDATED**

“Successful Cable Transit Box Isolations  
on a UK Platform Using MD-Sealant”



## Cable Transit Box Isolation Using MD-Sealant

### As found condition



### Background

- ❑ Transit box was not compliant with customer operating criteria:
  - Water & Salt ingress into the Electrical Switch Room
- ❑ Leak discovered to be coming from the Rubber Blocks fitted in the Transit Boxes
- ❑ KCI were requested to propose a solution for the resolution for the fluid ingress
- ❑ KCI proposed a MD-Sealant coating applied using a paint brush and a large volume syringe for tighter areas to fill between the cables on the top of the Transit Box
- ❑ KCI used two different viscosities of MD-Sealant
  - ❑ MD-Sealant O4 (Standard viscosity).
    - For vertical areas
  - ❑ MD-Sealant O1 (Low viscosity)
    - To flow and seal around cables

## Cable Transit Box Isolation Using MD-Sealant

### MD-Sealant Applied



### Deployment Detail

- ❑ A Wire Brush was used to remove surface rust and debris that had built up on and around the transit boxes. A Soft Bristle Brush was then used to clean up all the dirt and dust
- ❑ The Transit Boxes were masked off to ensure that the Sealant left a clean straight edge
- ❑ Two coats of MD-Sealant 04 was applied to the outer edges of the Transit Boxes to create a strong base to hold and bond with the MD-Sealant 01
- ❑ A thick coat of MD-Sealant 01 was applied to cover and seal the top of the Transit Boxes which flowed around the cables to ensure a strong bond which created a tight weather proof seal
- ❑ All eight Transit Box isolations were successfully completed

### \*Objective Achieved\*

The Isolations were successful and the Electrical Switch rooms were deemed safe to use. Our customer was extremely satisfied with our Safe, Effective & Efficient Isolation.

This Value Adding Operation saved the Operator from a potentially time consuming and costly Transit Box Rubber Block replacement operation.