



MICON INTUSAYF (INTUMESCENT)

Application of Micon Intusayf to electrical cables

Micon Intusayf was developed to give additional protection to Electrical Cables, PVC Pipes, Steel and Timber.

Micon Intusayf applied to electrical cables will prevent the propagation of fire along the electrical cables.

Micon Intusayf can be applied by brush, roller, or airless spray equipment and is non-toxic and can therefore be used in areas where a high standard of hygiene is a criterion.

Application To Electrical Cables

Micon Intusayf is basically a three coat system comprising of the Micon Base Coat, Micon Intusayf and Micon Top Coat and this system conforms to the Anglo American Specifications.

As it is sometimes impractical to apply the Base Coat, the Micon Intusayf can be applied directly to the electrical cables, provided the cables are free from dust, oil, grease etc.

If application is by brush, two coats of Micon Intusayf must be applied liberally in order to achieve the required Dry Film Thickness and each coat must be allowed to dry before the next coat is applied.

We strongly recommend that a final Micon Top Coat be applied to protect the Micon Intusayf from the damp and harsh conditions underground. Provided the system is applied correctly and damaged areas are repaired immediately the system should last indefinitely.

Micon Intusayf Intumescent complies with the S.A.B.S 0177 Part 111 Standards and have also been extensively tested by the CSIR and the chamber of mines.

Action in fire

At temperatures in excess of 200 Celsius, Micon Intusayf first softens and then expands up to 40 times its applied thickness, to form an insulated foamed carbonised char that reduces the rate of temperature increase and propagation of fire along electrical cables.