



KBS Protecting New Zealand Steel from Fire

KBS Passive Fire Pty. Ltd. has completed supplying FM Rated KBS Coating, KBS Mortar, KBS Sealbags, KBS panel Seal and KBS Sealant to New Zealand Steel (Part of BlueScope Steel) located in Glenbrook, south of Auckland in New Zealand.

The supply of KBS Materials in NZ was through the Sole KBS Distributor Electropar Ltd. Simon Pratt from Electropar can be contacted on +64 9 274 2027

The KBS Coating was installed to FM Global standard FM 3971. KBS panel Seal/Sealant was installed to FM Global standard FM 4990, while KBS Sealbags and Mortar were installed to UL1479.



All applications of KBS Materials were assessed on practical completion by Electropar to double check the correct application and procedures have taken place.

KBS Coating was installed to stop flame spread along the cable and cable tray. As KBS Coating has now completed a 25 year Weather test, it can be placed internally or externally regardless.



KBS Coating is an ablative, non-intumescent cable coat.

KBS Coating is ideal for external and internal areas that contain fuel oils as it has been tested to over 100 types of oils and chemicals.

KBS Coating can also fire rate existing cables for up to 60 minutes under IEC 60331-11.

KBS Mortar, Sealbags and Panel Seal (also consisting of KBS Sealant) was installed into cable penetrations to stop fire spreading from one area to another. The Penetration Seals are fire rated for a minimum of 2 hours.

The KBS Products were installed into the Down Coiler Room and the Hot Mill Number 1 Motor Room.

Situated at Glenbrook, south of Auckland, New Zealand Steel's fully integrated steel mill produces a range of flat steel products for both domestic and export markets.

Slabs are rolled into hot and cold rolled products, which are then on-sold or further processed into products like hollow sections, galvanised steel, ZINCALUME®

steel and COLORSTEEL® steel. New Zealand Steel uses locally-sourced iron sand and coal to produce about 600 000 tonnes of steel slabs a year.

We would like to thank NZ Steel and BlueScope for their support and look forward to helping them with their passive fire requirements in the future.

