



Zincalume and Colorsteel Compatibility – EcoFoam

Ecofoam has less than 0.065% of carbon black by weight. Ecofoam is suitable for use with Zincalume, Colorsteel, and Colorcote products.

Exposure testing and work carried out by CSIRO in Australia has shown that satisfactory performance and compatibility with Zincalume and Colorsteel can be achieved by washers and sealing materials that are free of or contain low levels of carbon black. This is providing that the carbon black does not lead to significant electrical conductivity of the washer or sealing material.

Further recommendations were made based on test data determined by CSIRO on the electrical resistance and potential of materials with different carbon contents.

The manufacturer of Zincalume and Colorsteel, BHP, has recommended that: whether used with a washer, sealing filler strip, or weather seal, rubber-based sealing materials in contact with either Zincalume or Colorsteel G2z product must not have carbon black filler levels of more than 15% by volume or 25% by weight. We manufacture Ecofoam from crosslinked polyethylene foam and our material suppliers have advised the carbon black contained in it is less than 0.065% by weight, compared to the maximum allowed of 25%.

Tetral Industries – 2023

Contact for more information: info@tetral.co.nz or 03 379 2400