

BSCE01 Cut Edge Treatment

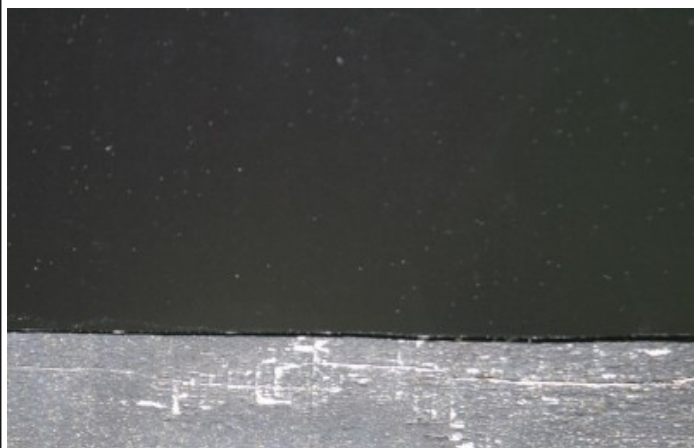
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Version 1

Pre-painted roofing products typically have a steel base, with a metallic coating of aluminium/zinc alloy that gives sacrificial and barrier protection to the steel. Over this are respectively applied a passivation layer, an anti-corrosive primer, and a topcoat.

The metallic and paint coatings are applied before roofing manufacture; therefore all machine-cut ends are uncoated. In the case of most trough sections, flashings, and rainwater goods, the material is slit before forming and the long edges are also uncoated. The coating systems on pre-painted materials are designed to protect these exposed cut edges.

Cutting should be done by shear, which tends to 'smear' some of the metallic coating over the cut edge, increasing the protection. Cutting by other methods such as abrasive discs may create excessive heat (and swarf), which can damage the adjacent protective coatings.



Shear-cut Edge – 12 months severe marine



Friction-cut Edge – 12 months severe marine

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As a result, provided pre-painted materials are cut by approved methods, it is not necessary, nor is it recommended by manufacturers, to treat any site-cut ends.

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