

When installing VERMICULUX® Structural Steel Protection in accordance with Promat recommendations, good working practice should normally result in all joints being close fitting and tight up to abutting soffit or wall facings. No remedial action is required, if any residual gaps are less than 1mm. In the event that remedial action is required to bring the installation up to an acceptable standard, the following guidance may be used in assessing the corrective measures necessary. In all cases, cover fillets must overlap the board by at least 60mm, with screw fixings central to that width.

### **Joints Abutting Soffits or Walls - Parallel Gaps.**

These joints are square edged butt joints. Where gaps occur, Promat recommends the following:

- (a) For gap widths up to 2mm – no treatment needed.
- (b) For gap widths above 2mm, up to 6mm – fill with Promat Intumescent Sealant.
- (c) For gap widths above 6mm up to 10mm – fit 20mm thick VERMICULUX® cover fillet over joint.
- (d) For gap widths over 10mm (remedial action only) – fit VERMICULUX® cover fillet over gap (same thickness as protection).

### **Joints Abutting Soffits or Walls – Tapered Gaps up to 200mm long.**

These joints are square edged butt joints. Where gaps occur, Promat recommends the following:

- (a) For gap widths up to 3mm at widest point – no treatment needed.
- (b) For gap widths up to 6mm at widest point – fill length of gap greater than 3mm wide with Promat Intumescent Sealant.
- (c) For gap widths up to 10mm at widest point – fit 20mm thick VERMICULUX® cover fillet over gap.
- (d) For gap widths over 10mm at widest point (remedial action only) – fit VERMICULUX® cover fillet over gap (same thickness as protection).

### **Circumferential (Board to Board) Joints - Parallel Gaps.**

These joints include the 16mm half-lap rebate. Where gaps occur, Promat recommends the following:

- (a) For gap widths up to 2mm – no treatment needed.
- (b) For gap widths above 2mm, up to 6mm – fill with Promat Intumescent Sealant.
- (c) For gap widths above 6mm up to 10mm – fit 20mm thick VERMICULUX® cover fillet over joint.
- (d) For gap widths over 10mm (remedial action only) – fit VERMICULUX® cover fillet over gap (same thickness as protection).

### **Circumferential (Board to Board) Joints - Tapered Gaps up to 200mm long.**

These joints include the 16mm half-lap rebate. Where gaps occur, Promat recommends the following:

- (a) For gap widths up to 3mm at widest point – no treatment needed.
- (b) For gap widths up to 6mm at widest point – fill length of gap greater than 3mm wide with Promat Intumescent Sealant.
- (c) For gap widths up to 10mm at widest point – fit 20mm thick VERMICULUX® cover fillet over gap.
- (d) For gap widths over 10mm at widest point (remedial action only) – fit VERMICULUX® cover fillet over gap (same thickness as protection).

### **Longitudinal (Board to Board) Joints - Parallel Gaps.**

These joints are square edged butt joints. Where gaps occur, Promat recommends the following:

- (a) For gap widths up to 2mm – Seal with bead of Promat Intumescent Sealant where gap exceeds 1mm wide.
- (b) For gap widths above 2mm, up to 6mm – fill with Promat intumescent sealant.
- (c) For gap widths above 6mm up to 10mm – fit 20mm thick VERMICULUX® cover fillet over joint.
- (d) For gap widths over 10mm (remedial action only) – fit VERMICULUX® cover fillet over gap (same thickness as protection).

### **Longitudinal (Board to Board) Joints - Tapered Gaps up to 200mm long.**

These joints are square edged butt joints. Where gaps occur, Promat recommends the following:

- (a) For gap widths up to 3mm at widest point – Seal with bead of Promat Intumescent Sealant where gap exceeds 1mm wide.
- (b) For gap widths up to 6mm at widest point – Seal with bead of Promat Intumescent Sealant, gaps between 1mm and 3mm wide. Fill length of gap greater than 3mm wide with Promat Intumescent Sealant.
- (c) For gap widths up to 10mm at widest point – fit 20mm thick VERMICULUX® cover fillet over gap.
- (d) For gap widths over 10mm at widest point (remedial action only) – fit VERMICULUX® cover fillet over gap (same thickness as protection).

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Technical Data  
Sheet – 009

Page 1 of 1  
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