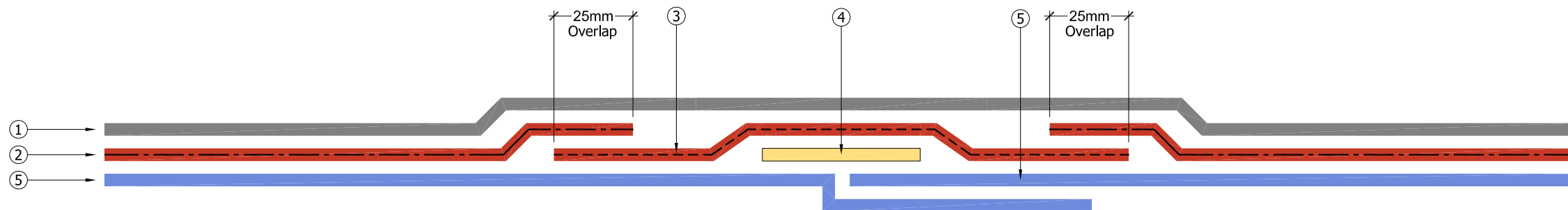


Key

- ① Decothane Top Coat as per Sika Liquid Plastics Project Specification
- ② Decothane Base Coat with embedded Reemat Premium GFM as per Sika Liquid Plastics Project Specification
- ③ Initial stripe coat of Decothane Base Coat from a loaded brush or roller with embedded 150mm Heavy Duty Flexitape
- ④ Minimum 50mm wide 'low-tack' debonding tape laid central to all Metal Sheet lap-joints
- ⑤ Existing Metal Sheet Roof or Metal Gutter surfaces prepared and primed in strict accordance with Sika Liquid Plastics Project Specification



Typical application shown horizontal; this detail can be used in all locations including internal and external corners

**Bond Break - Metal Roof Sheets and Metal Gutter Joints:** In order to accommodate thermal expansion and contraction at joints in Metal Roof Sheets or Metal Gutters and prior to applying the waterproofing membrane, a 'bond break' should be introduced at each joint by first laying 50mm (minimum width) low tack debonding tape centred on the joint. Follow by applying a full stripe-coat of Decothane Base Coat, approximately 200mm wide, and whilst wet, insert 150mm Heavy Duty Reemat Flexitape into the wet membrane by gentle pressure from a loaded brush, thus applying further material until the tape is obliterated. Allow to dry before continuing with the top coats.

**Note:** This treatment should ideally be carried out whilst the sheets are in contraction, i.e. prior to being exposed to increasing temperatures. Cool periods of the day are better, early mornings or later in an evening, out of direct sunlight.

**Tape Tension:** Embed Reemat Flexitape into the wet membrane without tension or stretching of the tape. Lay the tape as naturally as possible, direct from the roll, inner face upwards in order to avoid edge curl.



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This drawing is solely intended to illustrate the correct application of Sika Liquid Plastics products and systems, it must be read in conjunction with the appropriate specification and current issue of relevant Technical Data Sheets. All elements bearing reference to structural and/or thermal design are shown indicatively and should not be used in whole or in part for any aspect of project design without consulting the relevant authorities.

For refurbishment projects, all aspects of the existing roof are deemed to be fully compliant with BS 6229:2003 [Code of Practice for Flat Roofs with Continuously Supported Coverings] or improved upon for instances where these standards are not met.

Site-specific details not covered by our range of Standard Details can be obtained by providing relevant information to the email address shown.

Project No:

DWG No: Revision

Project:

Drawing Title:  
Waterproofing Bond Break Detail  
application instructions to allow  
movement on sheet metal joints

Scale: NTS @ A3 Drawn:

Date:

