



BUILDING TRUST



INSTALL DATA SHEET

BG System

For Backfilled Wall Applications

Do not install this material until all members of your crew have read and understand these instructions. If you do not understand any part of these instructions CALL SIKA EMSEAL at 1-800-526-8365

The techniques and accessories utilized to tie-in to BG will vary depending on waterproofing material type and individual manufacturers' recommendations and accessories. Contact the waterproofing manufacturer for specific requirements.

STEP 1: Insert BG Gland

Install waterproofing membrane over properly prepared wall surface, up to the joint opening. Complete any cleaning and finishing of foundation expansion joint gap substrate. Install waterproofing manufacturer's recommended sealant or mastic between lower flange of BG and installed waterproofing. Insert BG gland into foundation wall gap so that it achieves a level and firm fit with the wall surface.

STEP 2: With Thermoplastic Sheet Waterproofing Weld or Seal Lower Flange

Weld or seal lower BG flange to the foundation wall waterproofing membrane surface per the waterproofing manufacturer's recommendations.

STEP 3: Install Termination Bars and Anchors

Insert termination bar on top of lower flange. Install fasteners through pre-drilled holes in termination bar. Tighten until termination bar is snug with lower flange. Do not over-tighten.

The BG System includes necessary termination bar and fasteners required for installation.

STEP 4: Seal Term Bar

Install another layer of the waterproofing membrane to cover and seal the lower secured BG flange and termination bar.

STEP 5: Adhere Upper BG Flange to Waterproofing

Adhere, strip-in, or incorporate with liquid flashing, the upper BG flange to the waterproofing membrane as recommended by the waterproofing membrane manufacturer.

For Thermoplastic Sheet Waterproofing

Weld upper BG flange to waterproofing membrane. Optionally, the upper flange of the BG can be spliced to the waterproofing membrane with waterproofing manufacturer's approved splice tapes.

STEP 6: Install Protection or Drainage Layer

Install protection and or drainage layer over BG, with loose laid overlaps at expansion joint to allow for movement.

EMSEAL JOINT SYSTEMS, LTD
25 Bridle Lane
Westborough, MA 01581 USA
Phone: 508.836.0280
Fax: 508.836.0281
www.emseal.com

EMSEAL, LLC
111 Royal Group Crescent
Woodbridge, ON L4H 1X9 Canada
Phone: +1-416-740-2090
Fax: +1-416-740-0233
www.emseal.com

SIKA CORPORATION
201 Polito Avenue
Lyndhurst, NJ 07071 USA
Phone: +1-800-933-7452
Fax: +1-2019336225
www.usa.sika.com

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