Senerflex® GDC

TYPICAL DETAILS

1. Senerflex GDC Application (Plan View)
2. Senerflex GDC Installation
3. Aesthetic Reveal
4. Insulation Boards / Reinforcing Mesh Application at Openings
5. Window Head (Flush)
6. Window Head (Recessed)
7. Window Jamb (Flush)
8. Window Jamb (Recessed)
9. Window Sill (Flush)
10. Window Sill (Recessed)
11. Roof Edge Flashing
12. Metal Coping
13. Parapet Cap
14. Expansion Joint at Floorline
15. Expansion Joint at Change in Substrate (Plan View)
16. Section at Fascia / Soffit
17. Expansion Joint
18. Pipe Penetration
19. Corner Mesh Application with STRONG 15 or HI-IMPACT 20 (Plan View)
20. Corner Mesh Application with FLEXGUARD 4, INTERMEDIATE 6 or 12 (Plan View)
21. Light Fixture
22. Termination at Foundation
23. Termination at Foundation (Flush)
24. GDC Insulation Board Profile
25. Kick-out Flashing
GDC-01  TYPICAL SENERFLEX GDC WALL SYSTEM APPLICATION (PLAN VIEW)

NOTE: FRAMING, ACCEPTABLE SHEATHING, FLASHING AND SEALANT BY OTHERS

GDC-02  TYPICAL SENERFLEX GDC INSTALLATION
Senerflex GDC

**GDC-03** TYPICAL AESTHETIC REVEAL

**GDC-04** TYPICAL INSULATION BOARDS/REINFORCING MESH APPLICATION AT OPENINGS

**NOTE:** FRAMING, ACCEPTABLE SHEATHING, FLASHING, WINDOW AND SEALANT BY OTHERS

**NOTE:**
- TYPICAL AT WINDOWS, DOORS, ETC.
- FLASHING ARE BY OTHERS AND SHALL BE AS PER DESIGN / CODE REQUIREMENTS
GDC-05 TYPICAL WINDOW HEAD (FLUSH)

GDC-06 TYPICAL WINDOW HEAD (RECESSED)
GDC-11  TYPICAL ROOF EDGE FLASHING DETAIL

NOTE: FRAMING, ACCEPTABLE SHEATHING, FLASHING AND SEALANT BY OTHERS

GDC-12  TYPICAL METAL COPING DETAIL
SELF ADHERING MESH TAPE 229 mm (9")
EMBEDDED IN SENERSHIELD OR 229 mm
(9") SHEATHING FABRIC EMBEDDED IN
SENERSHIELD-R OR SENERFLASH 9 w/
FLASHING PRIMER
SENERGY DRAINAGE MAT 100 mm (4")
FASTENER
WRAP BASE COAT AND
SENERGY REINFORCING MESH
FRAMING
ACCEPTABLE SHEATHING
SENERSHIELD OR SENERSHIELD-R
SENERGY ADHESIVE / BASE COAT
SENERGY GDC INSULATION BOARD
FLASHING AND SEALANT
ROOF SYSTEM
SENERGY LAMINA:
- SENERSHIELD BASE COAT
- SENERSHIELD REINFORCING MESH
- SENERSHIELD FINISH COAT

GDC-13  TYPICAL PARAPET CAP DETAIL

FLOOR SLAB
ACCEPTABLE SHEATHING
SENERSHIELD OR SENERSHIELD-R
SENERGY DRAINAGE MAT 100 mm (4")
FASTENER
WRAP BASE COAT AND
SENERGY REINFORCING MESH
SENERFLASH 9 w/ FLASHING PRIMER
SENERGY ASAP
WIDTH PER DESIGN
BACKER ROD AND SEALANT
FRAMING
SENERGY GDC INSULATION BOARD
SENERGY LAMINA:
- SENERSHIELD BASE COAT
- SENERSHIELD REINFORCING MESH
- SENERSHIELD FINISH COAT
SENERGY ADHESIVE / BASE COAT
SENERSHIELD OR SENERSHIELD-R

GDC-14  TYPICAL EXPANSION JOINT AT FLOORLINE DETAIL

NOTE: FRAMING, ACCEPTABLE
SHEATHING, FLASHING
AND SEALANT BY OTHERS
GDC-15  TYPICAL EXPANSION JOINT AT CHANGE IN SUBSTRATE

NOTE: FRAMING, ACCEPTABLE SHEATHING, FLASHING AND SEALANT BY OTHERS

GDC-16  TYPICAL SECTION AT FASCIA / SOFFIT
**GDC-17**  TYPICAL EXPANSION JOINT DETAIL

- **FRAMING**
- **ACCEPTABLE SHEATHING**
- **SENERSHIELD OR SENERSHIELD-R**
- **SENERGY DRAINAGE MAT 100 mm (4")**
- **FASTENER**
- **WRAP BASE COAT AND SENERGY REINFORCING MESH**
- **SENERFLASH 9 w/ FLASHING PRIMER**
- **BACKER ROD AND SEALANT**
  - **WIDTH PER DESIGN**
- **SENERGY ASAP**
- **FRAMING**
- **SENERGY GDC INSULATION BOARD**
- **SENERGY LAMINA:**
  - **SENERGY BASE COAT**
  - **SENERGY REINFORCING MESH**
  - **SENERGY FINISH COAT**
- **SENERGY ADHESIVE / BASE COAT**
- **SENERSHIELD OR SENERSHIELD-R**

**NOTE:** FRAMING, ACCEPTABLE SHEATHING, FLASHING AND SEALANT BY OTHERS

---

**GDC-18**  TYPICAL PIPE PENETRATION

- **FRAMING**
- **ACCEPTABLE SHEATHING**
- **SENERSHIELD OR SENERSHIELD-R**
- **WRAP BASE COAT AND SENERGY REINFORCING MESH**
- **BACKER ROD AND SEALANT**
- **SEALANT AT PERIMETER OF PENETRATION**
- **SENERGY ASAP**
- **SENERGY GDC INSULATION BOARD**
- **SENERGY LAMINA:**
  - **SENERGY BASE COAT**
  - **SENERGY REINFORCING MESH**
  - **SENERGY FINISH COAT**
- **SENERGY ADHESIVE / BASE COAT**
NOTE:
- BUTT EDGE OF STRONG 15 OR HI-IMPACT 20 TO CORNER MESH
- A CONTINUOUS OVERLAY OF FLEXGUARD 4 OR INTERMEDIATE 6 IS REQUIRED OVER STRONG 15, HI-IMPACT 20 OR CORNER MESH

FRAMING
ACCEPTABLE SHEATHING
SENERGY ADHESIVE / BASE COAT
SENERSHIELD OR SENERSHIELD-R
SENERGY GDC INSULATION BOARD
STRONG 15 OR HI-IMPACT 20 EMBEDDED IN SENERGY BASE COAT
FLEXGUARD 4 OR INTERMEDIATE 6 EMBEDDED IN SENERGY BASE COAT
SELF ADHERING MESH TAPE 229 mm (9") EMBEDDED IN SENERSHIELD OR 229 mm (9") SHEATHING FABRIC EMBEDDED IN SENERSHIELD-R
SENERGY LAMINA:
- SENERGY BASE COAT
- SENERGY REINFORCING MESH
- SENERGY FINISH COAT
CORNER MESH EMBEDDED IN SENERGY BASE COAT

GDC-19 TYPICAL CORNER MESH APPLICATION WITH STRONG 15 OR HI-IMPACT 20 (PLAN VIEW)

NOTE: FRAMING, ACCEPTABLE SHEATHING, FLASHING AND SEALANT BY OTHERS

NOTE:
- A CONTINUOUS OVERLAY OF FLEXGUARD 4, INTERMEDIATE 6 OR 12 IS REQUIRED OVER CORNER MESH

GDC-20 TYPICAL CORNER MESH APPLICATION WITH FLEXGUARD 4, INTERMEDIATE 6 OR 12 (PLAN VIEW)
GDC-21  TYPICAL LIGHT FIXTURE

NOTE: FRAMING, ACCEPTABLE SHEathing, FLASHING AND SEALANT BY OTHERS
GDC-23  TYPICAL TERMINATION AT FOUNDATION (FLUSH)

NOTE: FRAMING, ACCEPTABLE SHEATHING, FLASHING AND SEALANT BY OTHERS

GDC-24  TYPICAL GDC INSULATION BOARD PROFILE
NOTE:
- KICK-OUT FLASHING MUST BE ANGLED 100° MIN. TO ALLOW FOR PROPER DRAINAGE.
- KICK-OUT FLASHING SEAMS MUST BE SOLDERED OR SEALED WITH APPROPRIATE SEALANT.
- TERMINATE SENERFLEX GDC WALL SYSTEM MIN. 50 mm (2") ABOVE ROOF.

ACCEPTABLE SHEATHING
STEP FLASHING
SENERSHIELD OR SENERSHIELD-R
SENERFLEX GDC WALL SYSTEM
BACKER ROD AND SEALANT

MIN. 100 mm (4")
MIN. 50 mm (2")

SENERGY LAMINA:
- SENERGY BASE COAT
- SENERGY REINFORCING MESH
- SENERGY FINISH COAT

BUILDING PAPER
ROOF SHINGLES
KICK-OUT FLASHING
DRIP EDGE

GDC-25 TYPICAL KICKOUT FLASHING DETAIL

NOTE: FRAMING, ACCEPTABLE SHEATHING, FLASHING AND SEALANT BY OTHERS
Technical Support
Consult our Technical Services Department (1-800-221-9255) for specific recommendations concerning all other applications.

Note:
BASF Wall Systems is an operating unit of BASF Corporation (hereinafter referred to as “BASF Wall Systems”)

These details represent BASF Wall Systems’ latest recommendations. They are presented in good faith by BASF Wall Systems. These details are subject to change without notice. BASF Wall Systems accepts no liability for the end use of these details. For conditions not shown, consult BASF Wall Systems for review of specific details.

Disclaimer
This information and all further technical advice are based on BASF’s present knowledge and experience. However, BASF assumes no liability for providing such information and advice including the extent to which such information and advice may relate to existing third party intellectual property rights, especially patent rights. In particular, BASF disclaims all CONDITIONS AND WARRANTIES, WHETHER EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY. BASF SHALL NOT BE RESPONSIBLE FOR CONSEQUENTIAL, INDIRECT OR INCIDENTAL DAMAGES (INCLUDING LOSS OF PROFITS) OF ANY KIND. BASF reserves the right to make any changes according to technological progress or further developments. It is the customer’s responsibility and obligation to carefully inspect and test any incoming goods. Performance of the product(s) described herein should be verified by testing and carried out only by qualified experts. It is the sole responsibility of the customer to carry out and arrange for any such testing. Reference to trade names used by other companies is neither a recommendation, nor an endorsement of any product and does not imply that similar products could not be used.

Residential Policy
Apply walls systems in accordance with local building codes in force at the time of construction. On one and two-family residential framed construction, BASF Wall Systems requires that the wall system selected be one that includes provisions for moisture drainage. Please view the Senergy Residential Policy Bulletin on the Senergy website for a more detailed discussion of this topic.