# Senerflex Channeled Insulation Design

## Typical Details

| 1. | Senerflex Channeled Insulation Design Application (Plan View) |
| 2. | Senerflex Channeled Insulation Design Installation |
| 3. | Aesthetic Groove (Plan View) |
| 4. | Insulation Boards /Reinforcing Mesh Application at Openings |
| 5. | Window Head (Flush) (Plan View) |
| 6. | Window Head (Recessed) (Plan View) |
| 7. | Window Jamb Detail (Flush) |
| 8. | Window Jamb Detail (Recessed) |
| 9. | Window Sill Detail (Flush) |
| 10. | Window Sill Detail (Recessed) |
| 11. | Roof Edge Flashing Detail |
| 12. | Metal Coping Detail |
| 13. | Parapet Cap Detail |
| 14. | Expansion Joint Detail at Floorline |
| 15. | Expansion Joint at Change in Substrate |
| 16. | Section at Fascia / Soffit |
| 17. | Expansion Joint Detail |
| 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. | Channeled Insulation Profile |
| 25. | Kick-out Flashing Detail |

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[Image of a building with typical detail annotations]
CI-01  TYPICAL SENERFLEX CHANNELED INSULATION DESIGN APPLICATION (PLAN VIEW)

CI-02  TYPICAL SENERFLEX CHANNELED INSULATION DESIGN INSTALLATION
CI-03  TYPICAL AESTHETIC GROOVE (PLAN VIEW)

CI-04  TYPICAL INSULATION BOARDS/REINFORCING MESH APPLICATION AT OPENINGS
**ALTERNATE OPENING PROTECTION OPTION FOR WINDOW JAMBS**
(SENERFLASH MAY BE APPLIED UNDER OR OVER SENERSHIELD OR SENERSHIELD-R)

**CI-07 TYPICAL WINDOW JAMB DETAIL (FLUSH) (PLAN VIEW)**

- ACCEPTABLE SHEATHING
- SENERSHIELD OR SENERSHIELD-R
- SENERGY CHANNELED INSULATION BOARD
- SENERGY BASE COAT
- SELF-ADHERING MESH TAPE (9") EMBEDDED IN SENERSHIELD OR 9" SHEATHING FABRIC EMBEDDED IN SENERSHIELD-R
- WRAP BASE COAT & REINFORCING MESH
- SENERGY LAMINA:
  - SENERGY BASE COAT
  - SENERGY REINFORCING MESH
  - SENERGY FINISH COAT
- SENERGY ASAP
- BACKER ROD & SEALANT

**CI-08 TYPICAL WINDOW JAMB DETAIL (RECESSED) (PLAN VIEW)**

- ACCEPTABLE SHEATHING
- SENERSHIELD OR SENERSHIELD-R
- SENERFLASH 9
- WINDOW
- SENERGY CHANNELED INSULATION BOARD
- SENERGY BASE COAT
- SELF-ADHERING MESH TAPE (9") EMBEDDED IN SENERSHIELD OR 9" SHEATHING FABRIC EMBEDDED IN SENERSHIELD-R
- WRAP BASE COAT & REINFORCING MESH
- SENERGY LAMINA:
  - SENERGY BASE COAT
  - SENERGY REINFORCING MESH
  - SENERGY FINISH COAT
- SENERGY ASAP
- BACKER ROD & SEALANT

**SENERFLASH 9**

**SENERGY LAMINA:**
- SENERGY BASE COAT
- SENERGY REINFORCING MESH
- SENERGY FINISH COAT
CI-09  TYPICAL WINDOW SILL DETAIL (FLUSH)

Senerflex® Channeled Insulation Design

NOTE:
- Extend flashing min. 50 mm (2") over EIFS
- Flashings are by others & shall be as per design/ code requirements

CI-10  TYPICAL WINDOW SILL DETAIL (RECESSED)
CI-11  TYPICAL ROOF EDGE FLASHING DETAIL

CI-12  TYPICAL METAL COPING DETAIL
CI-13  TYPICAL PARAPET CAP DETAIL

CI-14  TYPICAL EXPANSION JOINT DETAIL AT FLOORLINE
CI-15  TYPICAL EXPANSION JOINT AT CHANGE IN SUBSTRATE

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

CI-18 TYPICAL PIPE PENETRATION
CI-19  TYPICAL CORNER MESH APPLICATION WITH STRONG 15 OR HI-IMPACT 20 (PLAN VIEW)

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

CI-20  TYPICAL CORNER MESH APPLICATION WITH FLEXGUARD 4, INTERMEDIATE 6 OR 12 (PLAN VIEW)

NOTE:
A CONTINUOUS OVERLAY OF FLEXGUARD 4, INTERMEDIATE 6 OR 12 IS REQUIRED OVER CORNER MESH
CI-21  TYPICAL LIGHT FIXTURE

CI-22  TYPICAL TERMINATION AT FOUNDATION
CI-23  TYPICAL TERMINATION AT FOUNDATION (FLUSH)

CI-24  TYPICAL CHANNELED INSULATION PROFILE
CI-25  TYPICAL KICK-OUT FLASHING DETAIL

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 channeled insulation design min. 50 mm (2")

Acceptable sheathing:
Step flashing:
Senershield or Senershield-R
Senergy channeled insulation design
Backer rod & sealant
Senergy lamina:
  - Senergy base coat
  - Senergy reinforcing mesh
  - Senergy finish coat

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

Building paper
Roof shingles
Drip edge
Kick-out flashing

08/07
General Notes
BASF Wall Systems is an operating unit of BASF Construction Chemicals, LLC. (herein after referred to as “BASF Wall Systems”).
These details are presented in good faith by BASF Wall Systems and represent typical and/or general conditions. They are offered as a guide for consideration to assist the designer, specifier, installer and/or owner. The responsibility remains with the user for the design of any system. For conditions not shown, consult BASF Wall Systems for specific recommendations.
Consult current Senergy technical bulletins for such information as acceptable sealants, insulation attachment methods, installation of air/weather barriers, residential policy, code and test reports, geo-climatic considerations, etc. Installation requirements for sealant (joint size configuration, primers, bond breakers) shall be in accordance with sealant manufacturer’s specifications and instructions.

Technical Support
Consult the BASF Wall Systems Technical Services Department for specific recommendations concerning all other applications. Consult the Senergy website, www.senergy.basf.com for additional information about products and systems and for updated literature.

Residential Policy
On one and two-family residential framed construction, BASF Wall Systems requires that the wall system selected be one that includes provisions for water drainage. The choices include Senturion® line of water drainage EIFS, commercial Senerflex® Channeled Adhesive or Channeled Insulation Design, Senergy Stucco Wall System, and Senergy Cement-Board Stucco™ Systems. There are no exceptions to this policy. Under no circumstances will BASF Wall Systems warrant the use of any other system on this type of construction without expressed written authorization from BASF Wall Systems. [Residential construction using EIFS on masonry (CMU) or poured concrete does not require the additional water drainage provisions described above. Senergy Exterior Surfacing Systems for insulating concrete forms are also acceptable.] See the Senergy Residential Policy Bulletin for a more detailed discussion of this topic. Consult our Technical Services Department for specific recommendations concerning all other applications. Consult the Senergy website, www.senergy.basf.com for additional information about products and systems and for updated literature.

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