Senerflex®
Adhered Mat Design

1. Senerflex Adhered Mat Design Application (Plan View)
2. Senerflex Adhered Mat Design (Isometric View)
3. Aesthetic Groove
4. Insulation Boards / Reinforcing Mesh Application at Openings
5. Window Head (Flush)
6. Window Head (Recessed)
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. Kick-out Flashing Detail
AM-01  TYPICAL SENERFLEX ADHERED MAT DESIGN APPLICATION (PLAN VIEW)

FRAMING
MECHANICAL FASTENER
ACCEPTABLE SHEATHING
PERMALATH 1000 OR METAL LATH
SENERSHIELD®, SENERSHIELD-R OR SECONDARY MOISTURE PROTECTION BARRIER
SENERGY INSULATION BOARD
SENERGY LAMINA:
  • SENERGY BASE COAT
  • SENERGY REINFORCING MESH
  • SENERGY FINISH COAT

SENERGY BASE COAT
SENERGY REINFORCING MESH
SENERGY FINISH COAT
MECHANICAL FASTENER

AM-02  TYPICAL SENERFLEX ADHERED MAT DESIGN (ISOMETRIC VIEW)

FRAMING
ACCEPTABLE SHEATHING
SENERSHIELD®, SENERSHIELD-R OR SECONDARY MOISTURE PROTECTION BARRIER
PERMALATH 1000 OR METAL LATH
SENERGY BASE COAT
SELF-ADHERING MESH TAPE (4”), 4” SHEATHING FABRIC OR SENERFLASH 4
SENERGY INSULATION BOARD
SENERGY BASE COAT
SENERGY FINISH COAT
SENERGY REINFORCING MESH
MECHANICAL FASTENER
NOTE:
• TYPICAL AT WINDOWS, DOORS, ETC.
• MAINTAIN A MIN. 13 mm (1/2") PERIMETER SEALANT JOINT
• FLASHINGS ARE BY OTHERS AND SHALL BE AS PER DESIGN/CODE REQUIREMENTS

AM-03  TYPICAL AESTHETIC GROOVE (PLAN VIEW)

AM-04  TYPICAL INSULATION BOARDS/REINFORCING MESH APPLICATION AT OPENINGS
AM-05  TYPICAL WINDOW HEAD (FLUSH)

NOTE: IF SECONDARY MOISTURE PROTECTION BARRIER IS USED IN LIEU OF SENERSHIELD OR SENERSHIELD-R, ENSURE BARRIER IS PROPERLY LAPPED OVER THE FLASHING FLANGE.

AM-06  TYPICAL WINDOW HEAD (RECESSED)
AM-07  TYPICAL WINDOW JAMB DETAIL (FLUSH)

AM-08  TYPICAL WINDOW JAMB DETAIL (RECESSED)
**Senerflex® Adhered Mat Design**

**AM-09 TYPICAL SILL DETAIL (FLUSH)**

- SENERGY ASAP
- BACKER ROD AND SEALANT
- WRAP BASE COAT AND SENERGY REINFORCING MESH
- FRAMING
- ACCEPTABLE SHEATHING
- SELF-ADHERING MESH TAPE (9") EMBEDDED IN SENERSHIELD OR 9" SHEATHING FABRIC EMBEDDED IN SENERSHIELD-R
- PERMALATH 1000 OR METAL LATH
- MECHANICAL FASTENER
- SENERSHIELD®, SENERSHIELD-R OR SECONDARY MOISTURE PROTECTION BARRIER
- SENERGY BASE COAT
- SENERGY INSULATION BOARD
- SENERGY LAMINA:
  - SENERGY BASE COAT
  - SENERGY REINFORCING MESH
  - SENERGY FINISH COAT

**AM-10 TYPICAL SILL DETAIL (RECESSED)**

- SENERSHIELD OR SENERSHIELD-R
- SENERFLASH-9

**ALTERNATE OPENING PROTECTION OPTION FOR WINDOW SILL (SENERFLASH MAY BE APPLIED UNDER OR OVER THE SENERSHIELD OR SENERSHIELD-R).**

**NOTE:**
- EXTEND FLASHING MIN. 50 mm (2") OVER EIFS
- FLASHINGS ARE BY OTHERS AND SHALL BE AS PER DESIGN/CODE REQUIREMENTS
AM-11  TYPICAL ROOF EDGE FLASHING DETAIL

AM-12  TYPICAL METAL COPING DETAIL
NOTE:
FLASHINGS ARE BY OTHERS AND SHALL BE AS PER DESIGN/CODE REQUIREMENTS

EPS CAP
SELF-ADHERING MESH TAPE (9") EMBEDDED IN SENERSHIELD OR 9" SHEATHING FABRIC EMBEDDED IN SENERSHIELD-R
WRAP BASE COAT AND SENERGY REINFORCING MESH
FRAMING
ACCEPTABLE SHEATHING
PERMALATH 1000 OR METAL LATH
MECHANICAL FASTENER
SENERSHIELD®, SENERSHIELD-R OR SECONDARY MOISTURE PROTECTION BARRIER
SENERGY BASE COAT
SENERGY INSULATION BOARD
SENERGY LAMINA:
• SENERGY BASE COAT
• SENERGY REINFORCING MESH
• SENERGY FINISH COAT

FLOOR SLAB
SENERSHIELD®, SENERSHIELD-R OR SECONDARY MOISTURE PROTECTION BARRIER
PERMALATH 1000 OR METAL LATH
SENERGY BASE COAT
WRAP BASE COAT AND SENERGY REINFORCING MESH
SENERFLASH-9
WIDTH PER DESIGN
MIN. 19 mm (3/4")
BACKER ROD AND SEALANT
SENERGY ASAP
ACCEPTABLE SHEATHING
SLIP TRACK
FRAMING
SENERGY INSULATION BOARD
SENERGY LAMINA:
• SENERGY BASE COAT
• SENERGY REINFORCING MESH
• SENERGY FINISH COAT

AM-13 TYPICAL PARAPET CAP DETAIL

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

NOTE: JOINT WIDTH PER DESIGN

AM-16  TYPICAL SECTION AT FASCIA/SOFFIT

NOTE: EXTEND SENERSHIELD OR SENERSHIELD-R A MIN. OF 102 MM (4") ONTO SOFFIT. USE APPROPRIATE REINFORCEMENT AT CORNER.
**Senerflex® Adhered Mat Design**

**AM-17  TYPICAL EXPANSION JOINT DETAIL**

- Framing
- Acceptable sheathing
- Senershield®, Senershield-R or secondary moisture protection barrier
- Senerflash-8
- Senerenergy ASAP
- Backer rod and sealant width per design
- Senerenergy insulation board
- Senerenergy base coat
- Senerenergy lamina:
  - Senerenergy base coat
  - Senerenergy reinforcing mesh
  - Senerenergy finish coat

**AM-18  TYPICAL PIPE PENETRATION**

- Framing
- Acceptable sheathing
- Senershield®, Senershield-R or secondary moisture protection barrier
- Senerenergy base coat
- Wrap base coat and Senerenergy reinforcing mesh
- Backer rod and sealant
- Sealant at perimeter of penetration
- Min. 13 mm (1/2”)
- Senerenergy ASAP
- Permalath 1000 or metal lath
- Senerenergy insulation board
- Senerenergy lamina:
  - Senerenergy base coat
  - Senerenergy reinforcing mesh
  - Senerenergy finish 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.

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

NOTE:
- A continuous overlay of Flexguard 4 or Intermediate 6 or 12 is required over Corner Mesh.

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

AM-22  TYPICAL TERMINATION AT FOUNDATION
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 ADHERED MAT DESIGN MIN. 50 mm (2") ABOVE ROOF.

AM-24 TYPICAL KICK-OUT FLASHING DETAIL
**General Notes**

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.cc](http://www.senergy.cc), 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 moisture drainage. The choices include Senturion® line of water managed EIFS, commercial Senerflex® Wall Systems integrating moisture management features, Senergy Stucco Wall System, and Senergy Cement-Board Stucco™ Systems. Senergy Exterior Surfacing Systems for insulating concrete forms are also acceptable. 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 management provisions described above.]

See the Senergy Residential Policy Bulletin for a more detailed discussion of this topic. Consult BASF Wall Systems Technical Services Department for specific recommendations concerning all other applications. Consult the Senergy web-site, [www.senergy.cc](http://www.senergy.cc) for additional information about products and systems and for updated literature.

**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.