## Senerflex<sup>®</sup> GDC

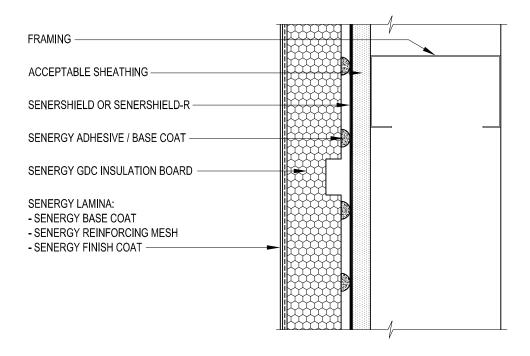


## TYPICAL DETAILS

- 1. Senerflex GDC Application (Plan Vlew)
- 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

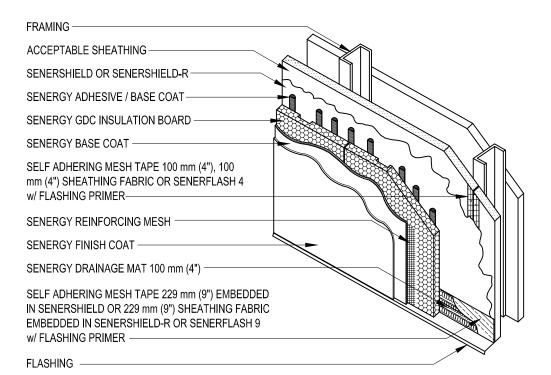




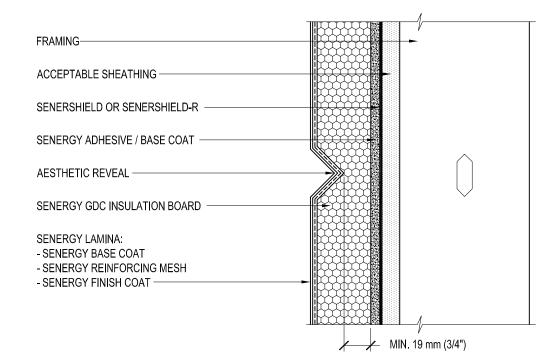


GDC-01 TYPICAL SENERFLEX GDC WALL SYSTEM APPLICATION (PLAN VIEW)

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



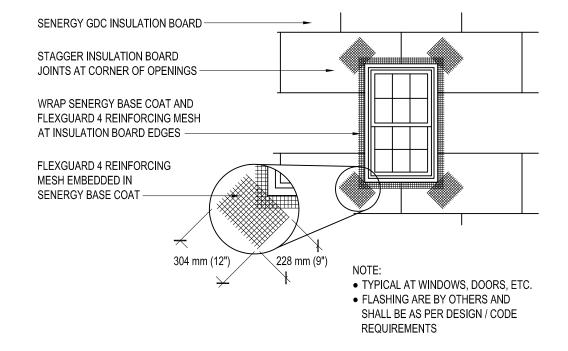
## GDC-02 TYPICAL SENERFLEX GDC INSTALLATION



GDC-03



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



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

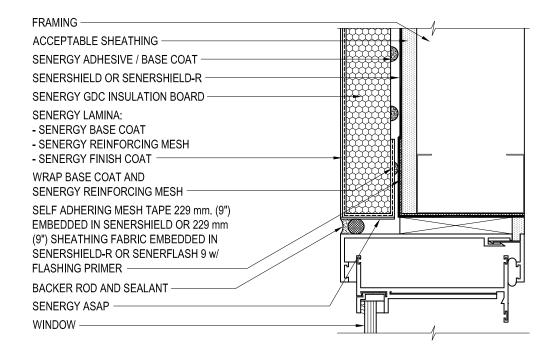
FRAMING		-
ACCEPTABLE SHEATHING		
SENERGY ADHESIVE / BASE COAT		
SENERSHIELD OR SENERSHIELD-R		
SENERGY GDC INSULATION BOARD		
SELF ADHERING MESH TAPE (4"), 4" SHEATHING FABRIC OR SENERFLASH 4 w/ FLASHING PRIMER		
FASTENER		
SENERGY LAMINA: - SENERGY BASE COAT - SENERGY REINFORCING MESH - SENERGY FINISH COAT		
SENERGY DRAINAGE MAT 100 mm (4")		
WRAP BASE COAT AND SENERGY REINFORCING MESH		
FLASHING W/ SEALANT		
WINDOW	/	

## GDC-05 TYPICAL WINDOW HEAD (FLUSH)

FRAMING	
ACCEPTABLE SHEATHING	
SENERGY ADHESIVE / BASE COAT	
SENERSHIELD OR SENERSHIELD-R	
SENERGY GDC INSULATION BOARD	
SELF ADHERING MESH TAPE (4"), 4" SHEATHING FABRIC OR SENERFLASH 4 w/ FLASHING PRIMER	
FASTENER	
SENERGY LAMINA: - SENERGY BASE COAT - SENERGY REINFORCING MESH - SENERGY FINISH COAT	
SENERGY DRAINAGE MAT 100 mm (4")	
WRAP BASE COAT AND SENERGY REINFORCING MESH	
FLASHING	
BACKER ROD AND SEALANT	
WINDOW	

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

## GDC-06 TYPICAL WINDOW HEAD (RECESSED)



### GDC-07 TYPICAL WINDOW JAMB (FLUSH)

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

FRAMING ———		
SENERGY ADHESIVE / BASE COAT		
ACCEPTABLE SHEATHING		
SENERSHIELD OR SENERSHIELD-R		
SENERGY GDC INSULATION BOARD		
SENERGY LAMINA: - SENERGY BASE COAT - SENERGY REINFORCING MESH - SENERGY FINISH COAT		
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		
WRAP BASE COAT AND SENERGY REINFORCING MESH		
SENERGY ASAP		
BACKER ROD AND SEALANT	1	
WINDOW		

GDC-08 TYPICAL WINDOW JAMB (RECESSED)

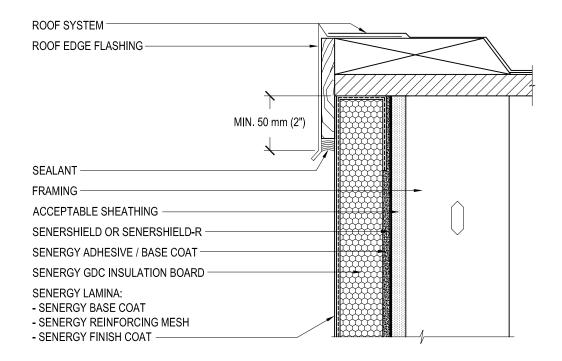
WINDOW	\
SELF ADHERING MESH TAPE 229 mm. (9") EMBEDDED IN SENERSHIELD OR 229 mm (9") SHEATHING FABRIC EMBEDDED IN SENERSHIELD-R OR SENERFLASH 9 w/ FLASHING PRIMER	
SENERGY ASAP	
BACKER ROD AND SEALANT	
WRAP BASE COAT AND SENERGY REINFORCING MESH	
SENERGY LAMINA: - SENERGY BASE COAT - SENERGY REINFORCING MESH - SENERGY FINISH COAT	
SENERGY GDC INSULATION BOARD	
SENERSHIELD OR SENERSHIELD-R	
SENERGY ADHESIVE / BASE COAT	
ACCEPTABLE SHEATHING	
FRAMING	

### GDC-09 TYPICAL WINDOW SILL (FLUSH)

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

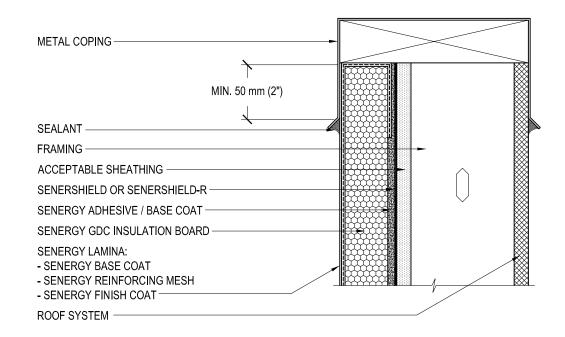
WINDOW -SELF ADHERING MESH TAPE 229 mm. (9") EMBEDDED IN SENERSHIELD OR 229 mm (9") SHEATHING FABRIC EMBEDDED IN SENERSHIELD-R OR SENERFLASH 9 w/ FLASHING PRIMER PAN FLASHING w/ END DAMS WRAP BASE COAT AND SENERGY REINFORCING MESH SEALANT -SENERGY LAMINA: - SENERGY BASE COAT - SENERGY REINFORCING MESH - SENERGY FINISH COAT -SENERGY GDC INSULATION BOARD SENERSHIELD OR SENERSHIELD-R SENERGY ADHESIVE / BASE COAT -ACCEPTABLE SHEATHING ll!h FRAMING -

## GDC-10 TYPICAL WINDOW SILL (RECESSED)



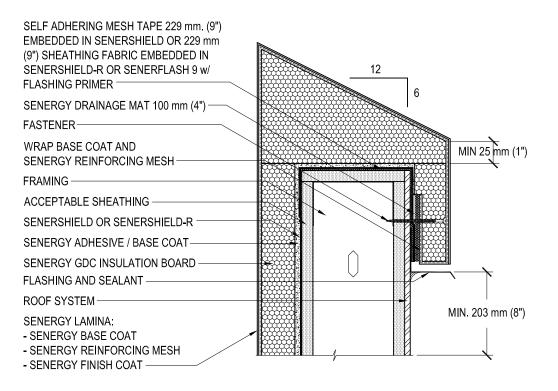
#### GDC-11 TYPICAL ROOF EDGE FLASHING DETAIL

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



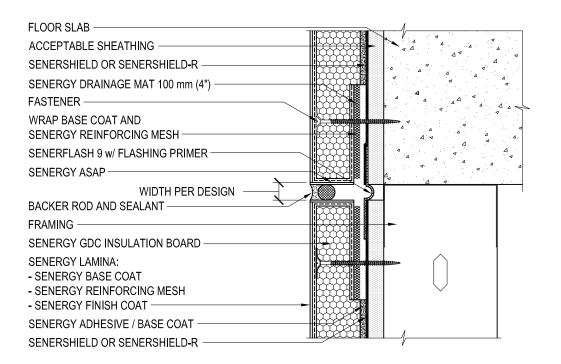
GDC-12 TYPICAL METAL COPING DETAIL



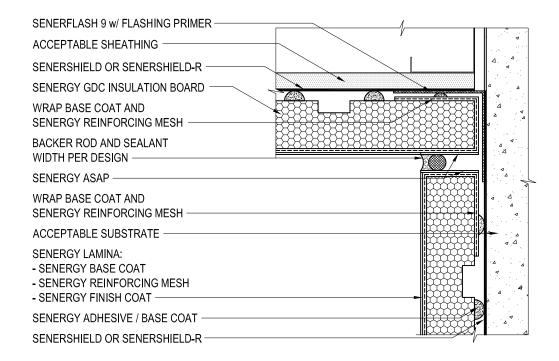


#### GDC-13 TYPICAL PARAPET CAP DETAIL

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



### GDC-14 TYPICAL EXPANSION JOINT AT FLOORLINE DETAIL



### GDC-15 TYPICAL EXPANSION JOINT AT CHANGE IN SUBSTRATE

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

FRAMING	
SENERGY ADHESIVE / BASE COAT	
SENERSHIELD OR SENERSHIELD-R	
SENERGY GDC INSULATION BOARD	
SENERGY LAMINA: - SENERGY BASE COAT - SENERGY REINFORCING MESH - SENERGY FINISH COAT	
SENERGY DRAINAGE MAT 100 mm (4")	
WRAP BASE COAT AND SENERGY REINFORCING MESH	
SENERFLEX CLASSIC PB SYSTEM	
EXTEND SENERSHIELD OR SENERSHIELD-R A MIN. OF 100 mm (4") ONTO SOFFIT. USE APPROPRIATE REINFORCEMENT AT CORNER.	

GDC-16 TYPICAL SECTION AT FASCIA / SOFFIT

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		ļ
SENERGY ASAP		
FRAMING		
SENERGY GDC INSULATION BOARD		
SENERGY LAMINA:		
- SENERGY BASE COAT		
- SENERGY REINFORCING MESH - SENERGY FINISH COAT	Ť	
SENERGY ADHESIVE / BASE COAT		
SENERSHIELD OR SENERSHIELD-R		L

## GDC-17 TYPICAL EXPANSION JOINT DETAIL

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

## GDC-18 TYPICAL PIPE PENETRATION

### 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	
3	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

-	
FRAMING	
ACCEPTABLE SHEATHING	
SENERGY ADHESIVE / BASE COAT	
SENERSHIELD OR SENERSHIELD-R	
SENERGY GDC INSULATION BOARD	
FLEXGUARD 4, INTERMEDIATE 6 OR 12 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	

Л,

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

FRAMING	
ACCEPTABLE SHEATHING	
SENERSHIELD OR SENERSHIELD-R	
WRAP BASE COAT AND SENERGY REINFORCING MESH	
WIRE OPENING	
LIGHT FIXTURE	
SET FLANGE IN SEALANT	
SENERGY ADHESIVE / BASE COAT	
SENERGY LAMINA: - SENERGY BASE COAT - SENERGY REINFORCING MESH - SENERGY FINISH COAT	

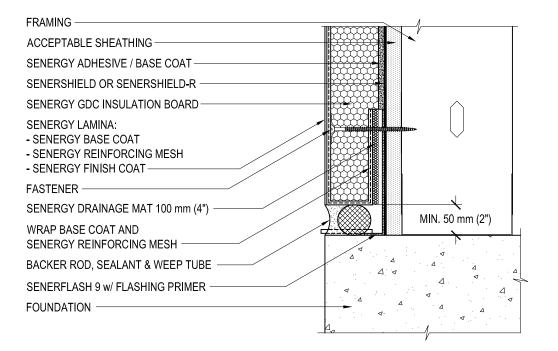
GDC-21 TYPICAL LIGHT FIXTURE

FRAMING	
ACCEPTABLE SHEATHING	
SENERGY ADHESIVE / BASE COAT	
SENERSHIELD OR SENERSHIELD-R	
SENERGY GDC INSULATION BOARD	
SENERGY LAMINA: - SENERGY BASE COAT - SENERGY REINFORCING MESH - SENERGY FINISH COAT	
FASTENER	
WRAP BASE COAT AND SENERGY REINFORCING MESH	
SENERGY DRAINAGE MAT 100 mm (4")	
SELF ADHERING MESH TAPE (4"), 4" SHEATHING FABRIC OR SENERFLASH 4	MIN. 50 mm (2") MAX. 300 mm (12")
FLASHING W/ SEALANT	
FOUNDATION	

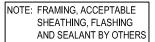
NOTE: TERMINATE SENERFLEX GDC WALL SYSTEM MIN 203 mm (8") ABOVE GRADE

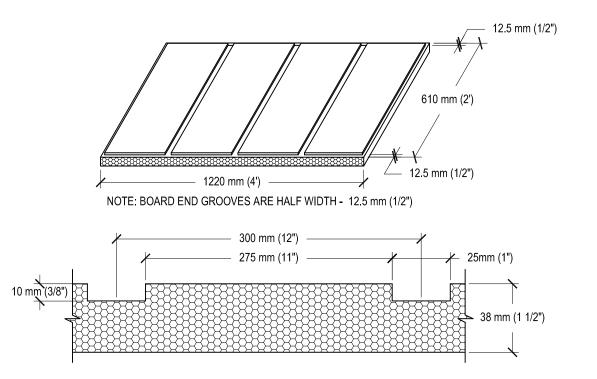
NOTE: FRAMING, ACCEPTABLE SHEATHING, FLASHING AND SEALANT BY OTHERS

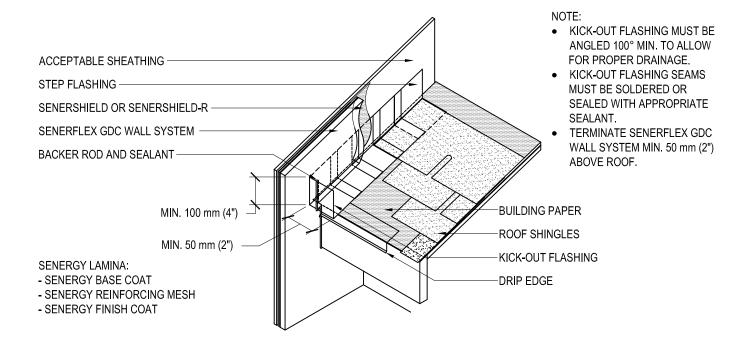
## GDC-22 TYPICAL TERMINATION AT FOUNDATION



## GDC-23 TYPICAL TERMINATION AT FOUNDATION (FLUSH)







GDC-25 TYPICAL KICKOUT FLASHING DETAIL

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

## Notes

#### **Technical Support**

Consult our Technical Services Department (1-800-221-9255) for specific recommendations concerning all other applications.

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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.

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