

#### CCMC 13103-R

CAN/ULC S716.1 Materials CAN/ULC S716.2 Installations CAN/ULC S716.3 Design Application

G.D.D.C Factor = 15% C.I Factor = 0.65 RSI/Inch Type 1 EPS = 0.70 RSI/Inch Type 2 EPS







Intertek



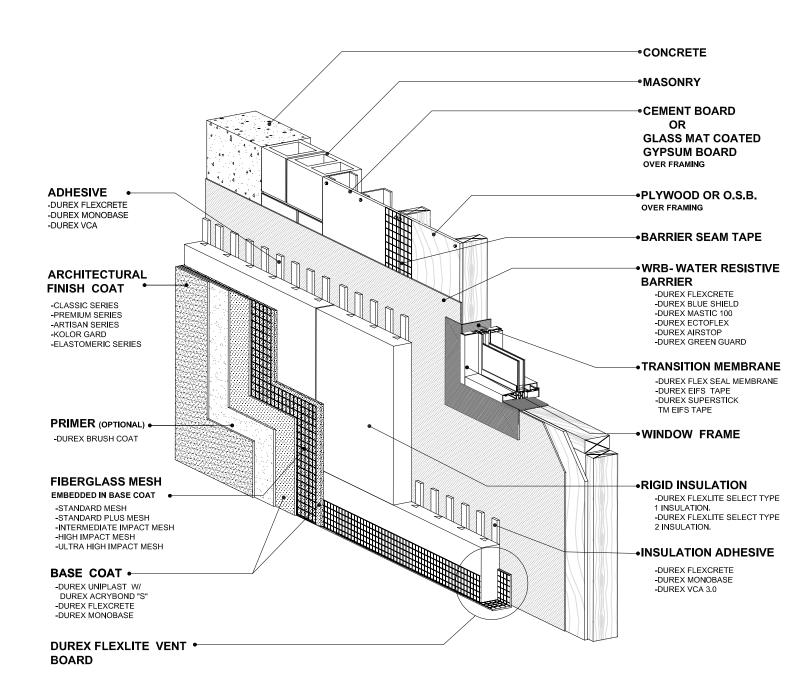
High Impact Resistance



Lightweight

Protect. Enhance. Outperform.

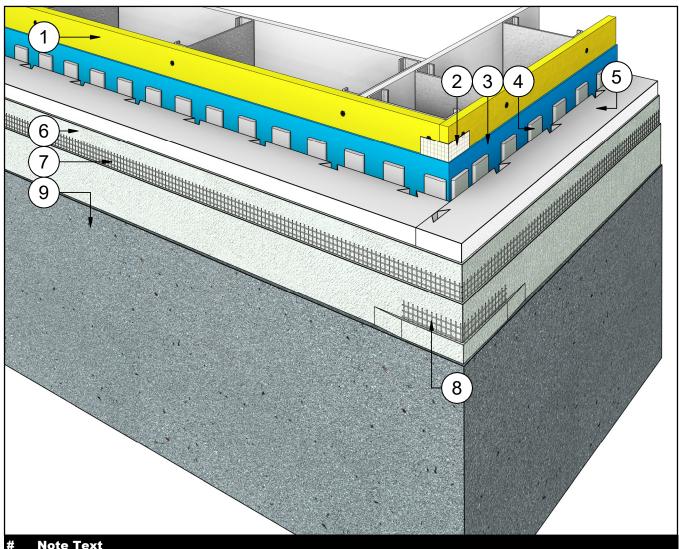
# **Durex**<sub>®</sub> Flexlite Select





#### FL\_SGB\_DET102\_R1

#### **OUTSIDE CORNER DETAIL**

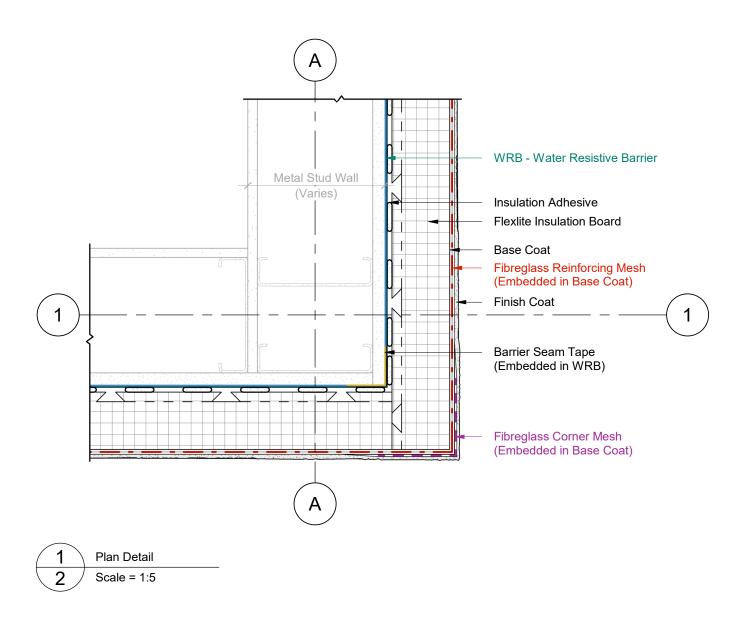


- **Note Text**
- Steel Studs Frame & Sheathing
- 2 Barrier Seam Tap (Embedded in WRB.)
- 3 WRB - Water Resistive Barrier
- 4 Insulation Adhesive
- Flexlite Insulation Board 5
- 6
- 7 Fibreglass Reinforcing Mesh (Embedded in WRB)
- 8 Fibreglass Corner Mesh (Embedded in WRB)
- Finish Coat

## **DURADOND**.

#### FL\_SGB\_DET102\_R1

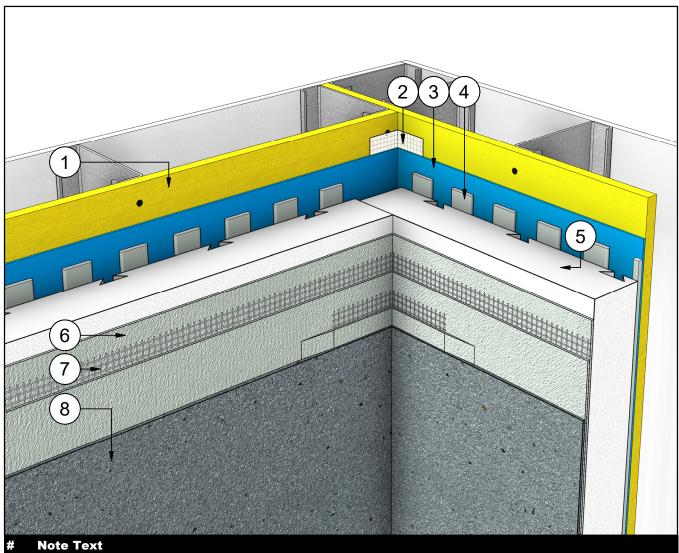
#### **OUTSIDE CORNER DETAIL**



## **DURADOND**.

#### FL\_SGB\_DET104\_R1

#### **INSIDE CORNER DETAIL**

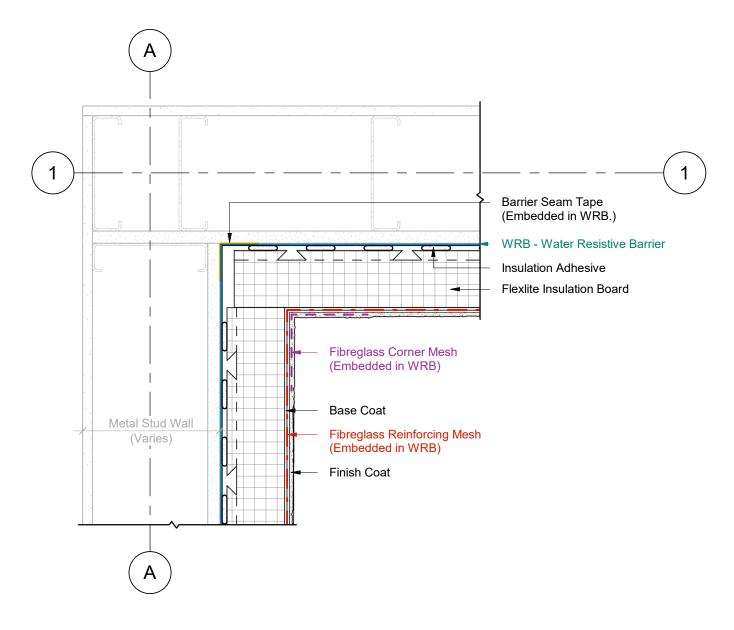


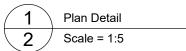
- Steel Studs Frame & Sheathing
- 2 Barrier Seam Tap (Embedded in WRB.)
- 3 WRB Water Resistive Barrier
- 4 Insulation Adhesive
- 5 Flexlite Insulation Board
- 6 Base Coat
- 7 Fibreglass Reinforcing Mesh (Embedded in WRB)
- 8 Finish Coat

## **DURABOND**.

#### FL\_SGB\_DET104\_R1

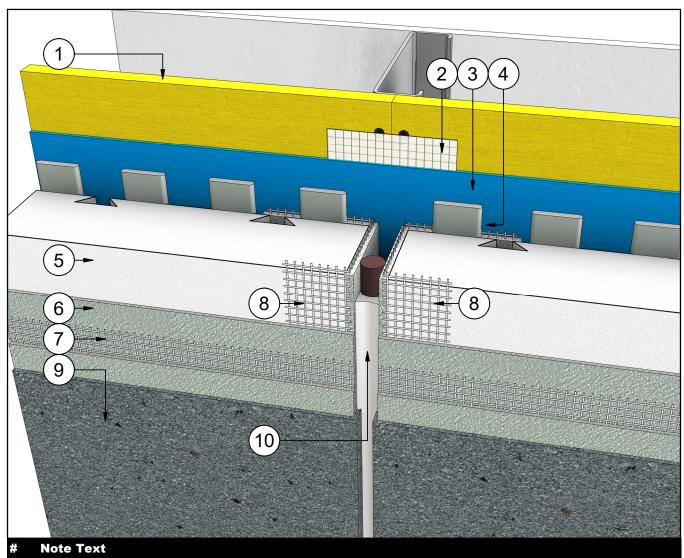
#### **INSIDE CORNER DETAIL**





# **DURABOND**.

#### **VERTICAL EXPANSION JOINT**

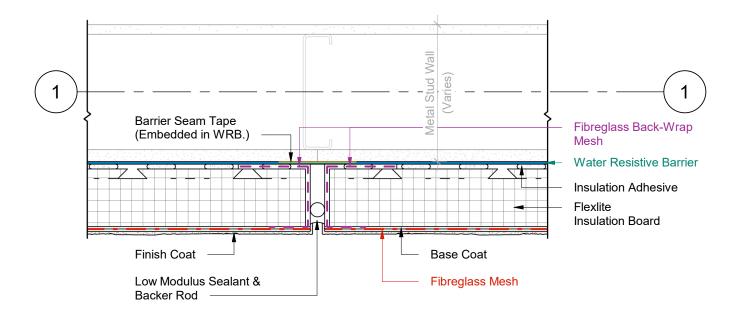


- 1 Steel Studs Frame & Sheathing
- 2 Barrier Seam Tap (Embedded in WRB.)
- 3 WRB Water Resistive Barrier
- 4 Insulation Adhesive
- 5 Flexlite Insulation Board
- 6 Base Coat
- 7 Fibreglass Reinforcing Mesh (Embedded in WRB)
- 8 Fibreglass Corner Mesh (Embedded in WRB)
- 9 Finish Coat
- 10 Backer Rod & Sealant

## **DURABOND**.

#### FL\_SGB\_DET106\_R2

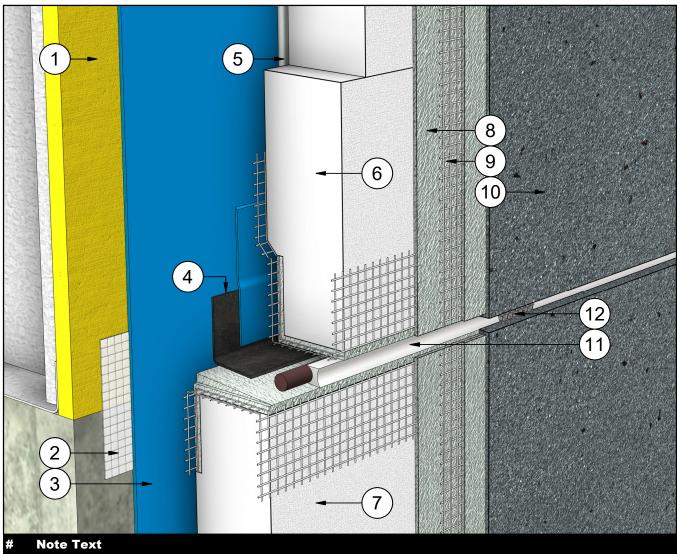
#### **VERTICAL EXPANSION JOINT**



Plan Detail
2 Scale = 1:5

# **DURABOND**.

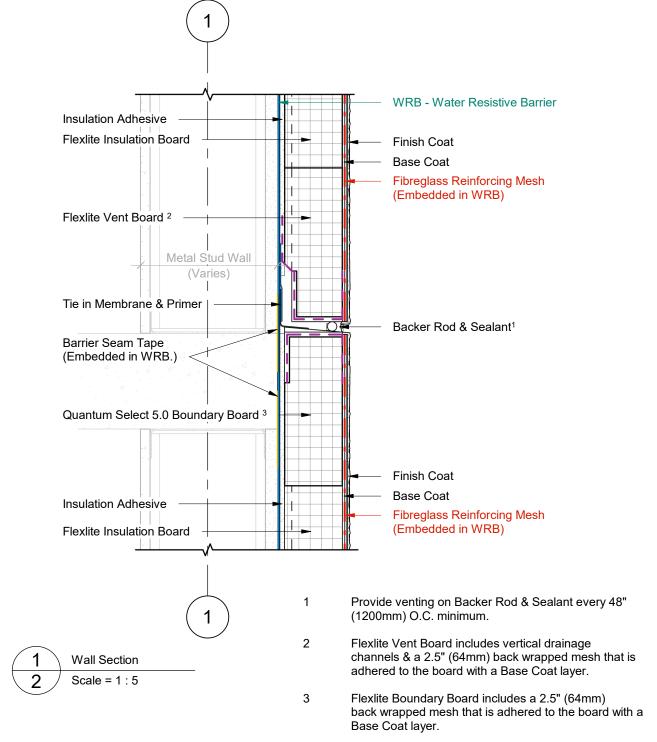
#### **HORIZONTAL EXPANSION JOINT**



- 1 Steel Studs Frame & Sheathing
- 2 Barrier Seam Tap (Embedded in WRB.)
- 3 WRB Water Resistive Barrier
- 4 Tie in Membrane & Primer
- 5 Insulation Adhesive
- 6 Flexlite Vent Board
- 7 Flexlite Boundary Board
- 8 Base Coat
- 9 Fibreglass Reinforcing Mesh (Embedded in WRB)
- 10 Finish Coat
- 11 Backer Rod & Sealant
- 12 Sealant Vent

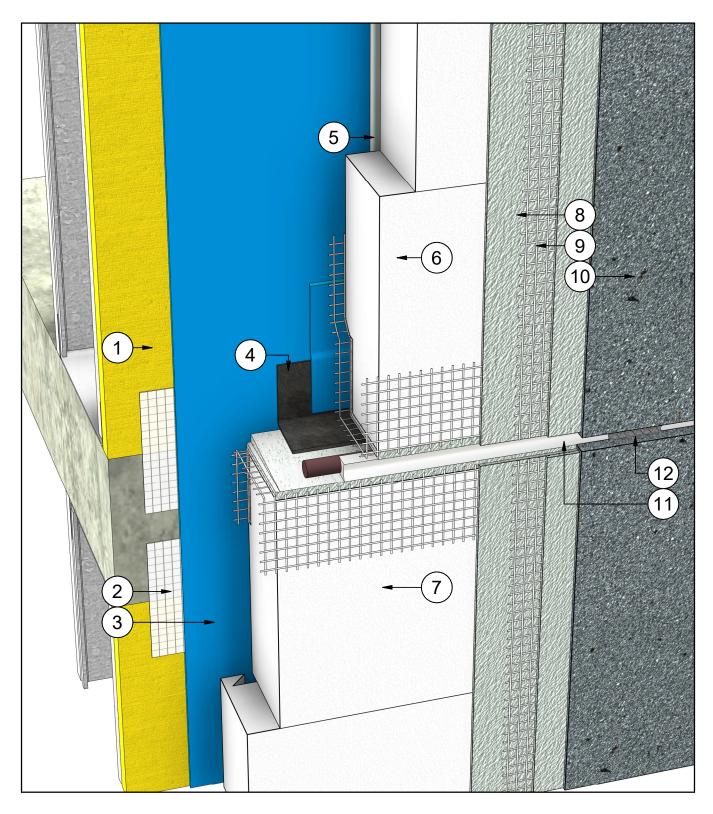
## **DURADOND**.

#### **HORIZONTAL EXPANSION JOINT**



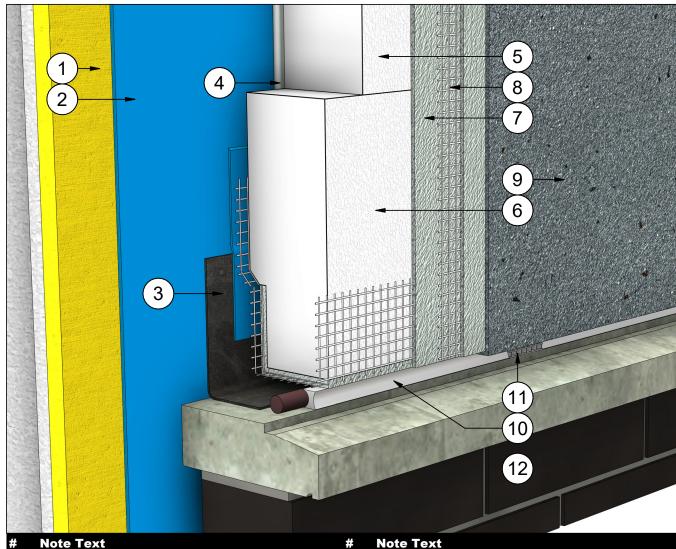
#### **DURABOND**.

#### **HORIZONTAL EXPANSION JOINT**



## **DURADOND**.

#### **TERMINATION AT MASONRY SILL**

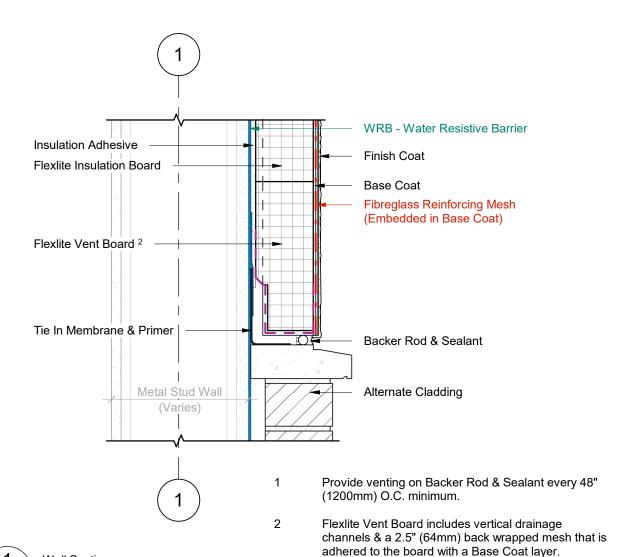


- Steel Studs Framing & Sheathing
- 2 WRB - Water Resitive Barrier
- 3 Tie In Membrane & Primer
- 4 Insulation Adhesive
- Quantum Select 5.0 Insulation Board 5
- 6 Quantum Select 5.0 Vent Board
- 7 **Base Coat**

- Fibreglass Reinforcing Mesh (Embedded in Base Coat) 8
- 9 Finish Coat
- 10 Backer Rod & Sealant
- Sealant Vent 11
- 12 Alternate Cladding

# **DURABOND**.

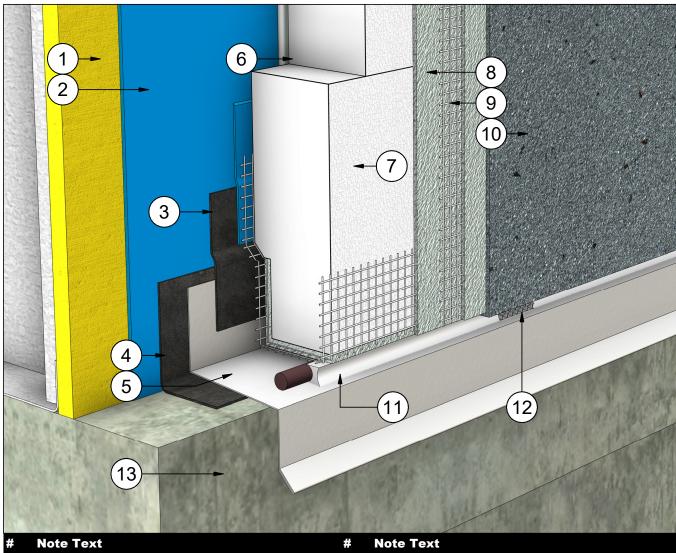
#### **TERMINATION AT MASONRY SILL**



## **DURADOND**

Wall Section Scale = 1 : 5

#### **TERMINATION AT CURB**

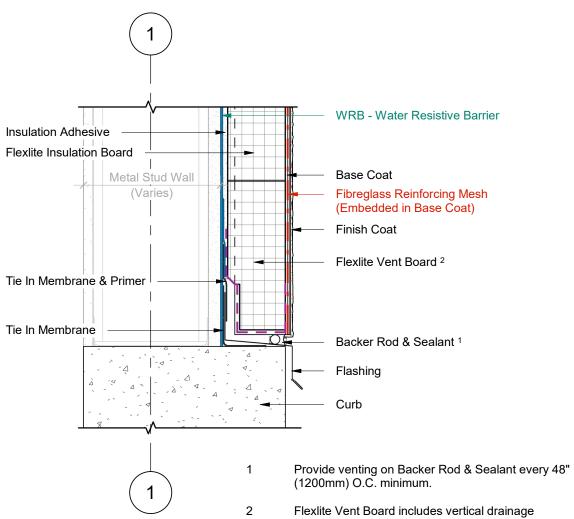


- 1 Steel Studs Framing & Sheathing
- 2 WRB Water Resitive Barrier
- 3 Tie In Membrane & Primer
- 4 Tie In Membrane
- 5 Flashing
- 6 Insulation Adhesive
- 7 Flexlite Vent Board

- 8 Base Coat
- 9 Fibreglass Reinforcing Mesh (Embedded in Base Coat)
- 10 Finish Coat
- 11 Backer Rod & Sealant
- 12 Sealant Vent
- 13 Curb

# **DURABOND**.

#### **TERMINATION AT CURB**

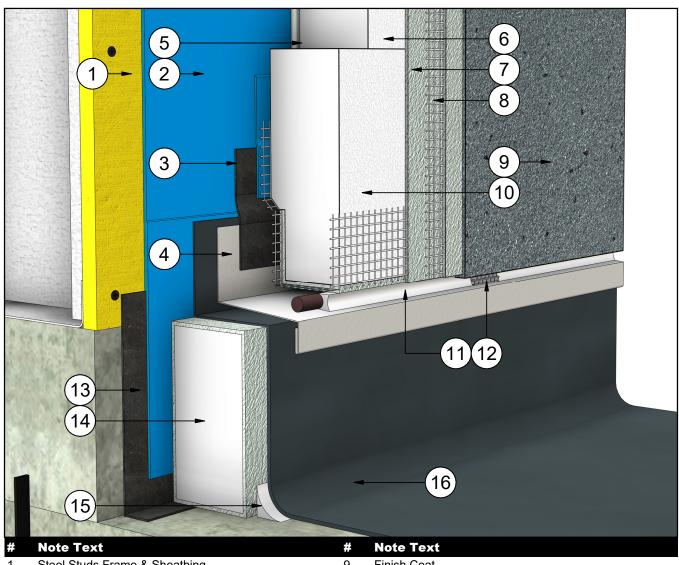


Wall Section Scale = 1:5

channels & a 2.5" (64mm) back wrapped mesh that is adhered to the board with a Base Coat layer.

## **DURABOND**.

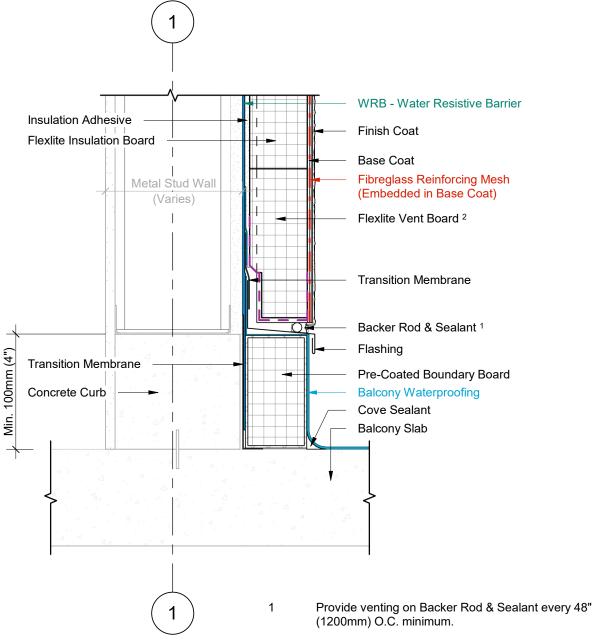
# TERMINATION AT BALCONY SLAB (OPTION A)



1	Steel Studs Frame & Sheathing	9	Finish Coat
2	WRB - Water Resistive Barrier	10	Flexlite Vent Board
3	Tie In Membrane & Primer	11	Backer Rod & Sealant
4	Flashing	12	Sealant Vent
5	Insulation Adhesive	13	Transition Membrane
6	Flexlite Insulation Board	14	Pre Coated Boundary Board
7	Base Coat	15	Cove Sealant
8	Fibreglass Reinforcing Mesh (Embedded in Base Coat)	16	Balcony Waterproofing

## **DURADOND**.

## **TERMINATION AT BALCONY SLAB** (OPTION A)

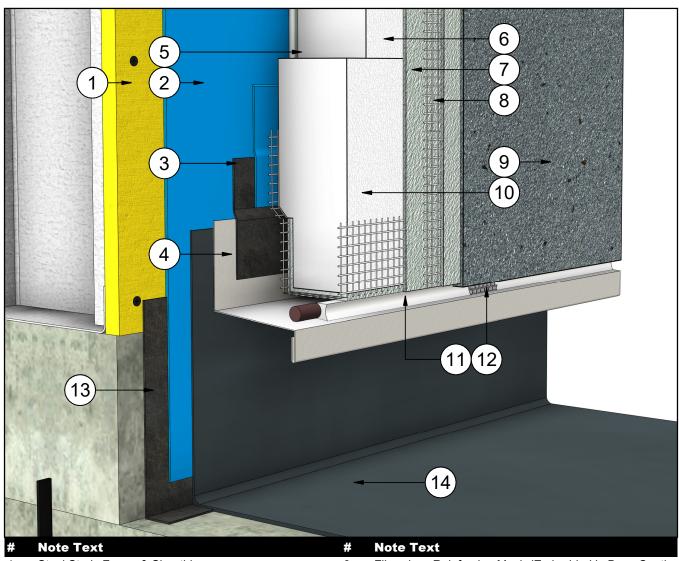


Wall Section Scale = 1 : 5

- 2 Flexlite Vent Board includes vertical drainage channels & a 2.5" (64mm) back wrapped mesh that is adhered to the board with a Base Coat layer.

## **DURABOND**.

# TERMINATION AT BALCONY SLAB (OPTION B)

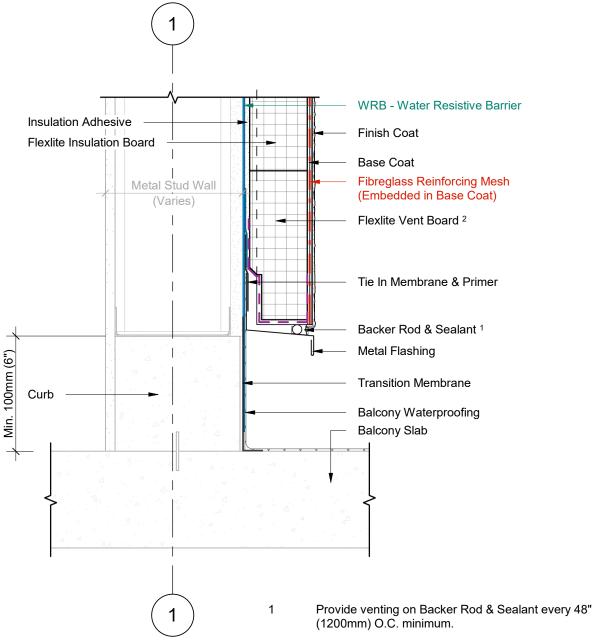


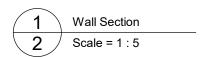
- 1 Steel Studs Frame & Sheathing
- 2 WRB Water Resistive Barrier
- 3 Tie In Membrane & Primer
- 4 Flashing
- 5 Insulation Adhesive
- 6 Flexlite Insulation Board
- 7 Base Coat

- 8 Fibreglass Reinforcing Mesh (Embedded in Base Coat)
- 9 Finish Coat
- 10 Flexlite Vent Board
- 11 Backer Rod & Sealant
- 12 Sealant Vent
- 13 Transition Membrane
- 14 Balcony Waterproofing

## **DURADOND**.

## **TERMINATION AT BALCONY SLAB** (OPTION B)

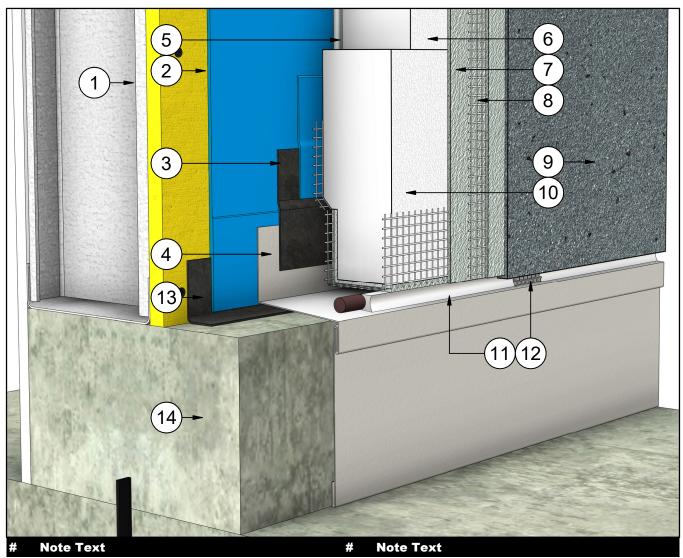




2 Flexlite Vent Board includes vertical drainage channels & a 2.5" (64mm) back wrapped mesh that is adhered to the board with a Base Coat layer.

### **DURABOND**.

# TERMINATION AT BALCONY SLAB (OPTION C)

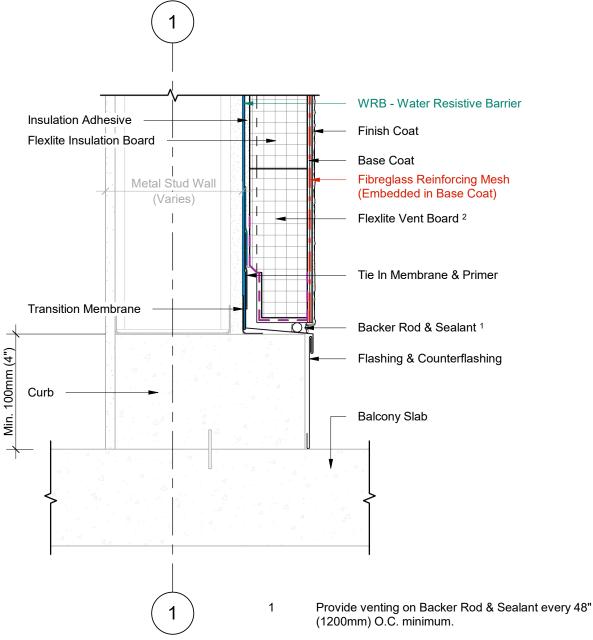


- 1 Steel Studs Frame & Sheathing
- 2 WRB Water Resistive Barrier
- 3 Tie In Membrane & Primer
- 4 Flashing & Counterflashing
- 5 Insulation Adhesive
- 6 Flexlite Insulation Board
- 7 Base Coat

- 8 Fibreglass Reinforcing Mesh (Embedded in Base Coat)
- 9 Finish Coat
- 10 Flexlite Vent Board
- 11 Backer Rod & Sealant
- 12 Sealant Vent
- 13 Transition Membrane
- 14 Curb

## **DURADOND**.

## **TERMINATION AT BALCONY SLAB** (OPTION C)

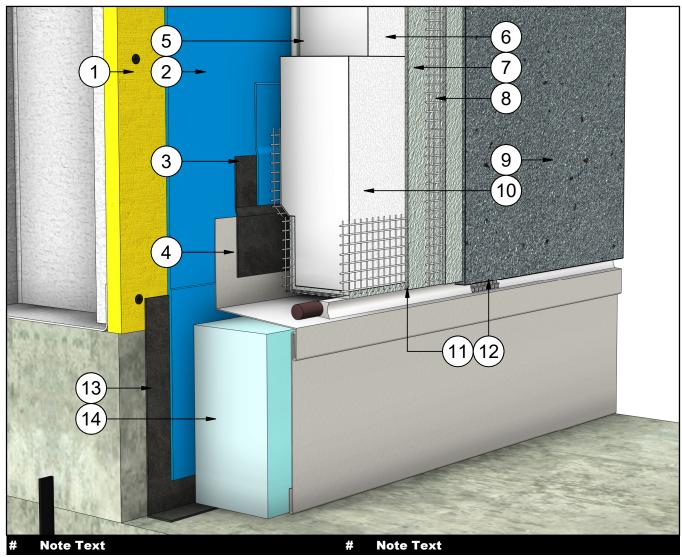


Wall Section Scale = 1 : 5

- 2 Flexlite Vent Board includes vertical drainage channels & a 2.5" (64mm) back wrapped mesh that is adhered to the board with a Base Coat layer.

## **DURABOND**.

# TERMINATION AT BALCONY SLAB (OPTION D)

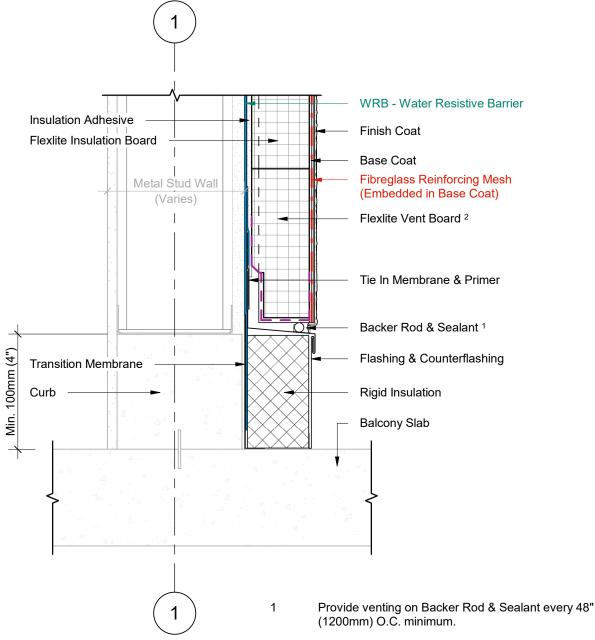


- 1 Steel Studs Frame & Sheathing
- 2 WRB Water Resistive Barrier
- 3 Tie In Membrane & Primer
- 4 Flashing
- 5 Insulation Adhesive
- 6 Flexlite Insulation Board
- 7 Base Coat

- 8 Fibreglass Reinforcing Mesh (Embedded in Base Coat)
- 9 Finish Coat
- 10 Flexlite Vent Board
- 11 Backer Rod & Sealant
- 12 Sealant Vent
- 13 Transition Membrane
- 14 Rigid Insulation

### **DURADOND**.

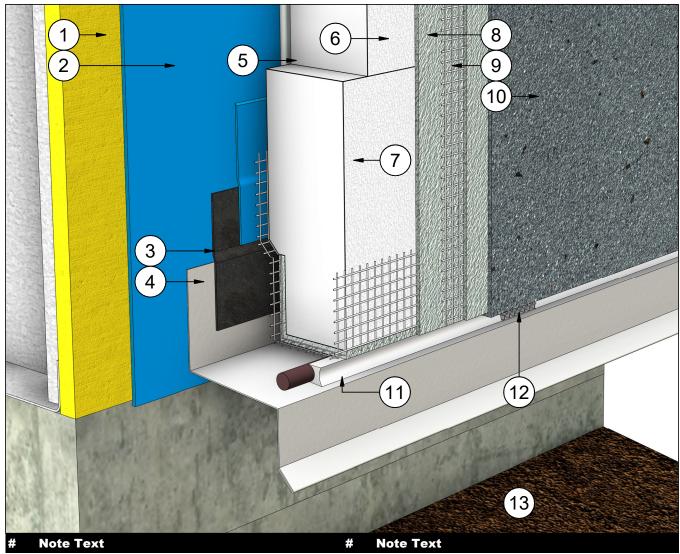
## **TERMINATION AT BALCONY SLAB** (OPTION D)



- Wall Section Scale = 1 : 5
- 2 Flexlite Vent Board includes vertical drainage channels & a 2.5" (64mm) back wrapped mesh that is adhered to the board with a Base Coat layer.

## **DURABOND**.

# FOUNDATION TERMINATION WITH FLASHING

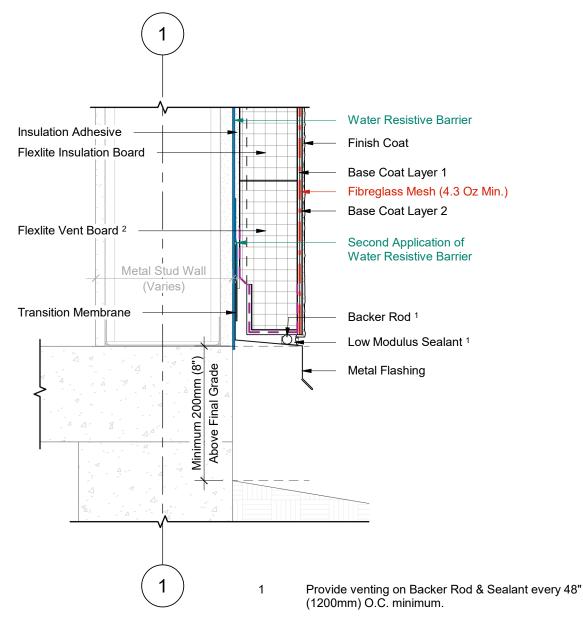


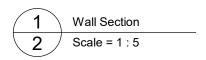
- 1 Steel Studs Frame & Sheathing
- 2 WRB Water Resistive Barrier
- 3 Tie In Membrane & Primer
- 4 Flashing
- 5 Insulation Adhesive
- 6 Flexlite Insulation Board
- 7 Flexlite Vent Board

- 8 Base Coat
- 9 Fibreglass Reinforcing Mesh (Embedded in Base Coat)
- 10 Finish Coat
- 11 Backer Rod & Sealant
- 12 Sealant Vent
- 13 Grade

# **DURABOND**.

# FOUNDATION TERMINATION WITH FLASHING

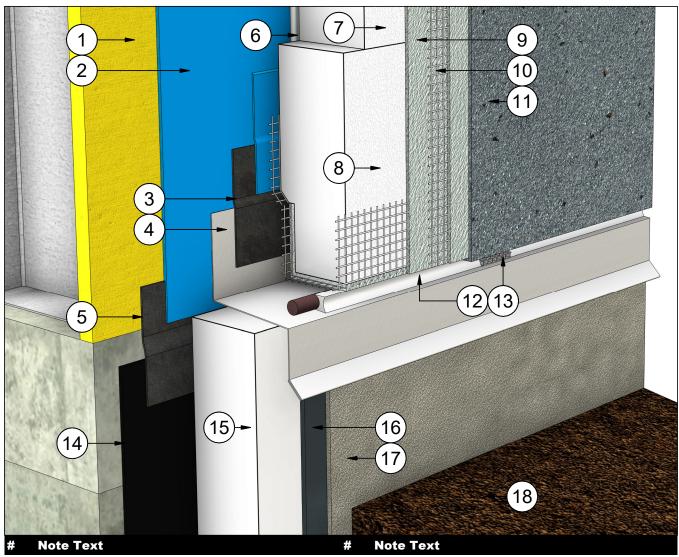




2 Flexlite Vent Board includes vertical drainage channels & a 2.5" (64mm) back wrapped mesh that is adhered to the board with a Base Coat layer.

### **DURADOND**.

# INSULATED FOUNDATION WITH FLASHING

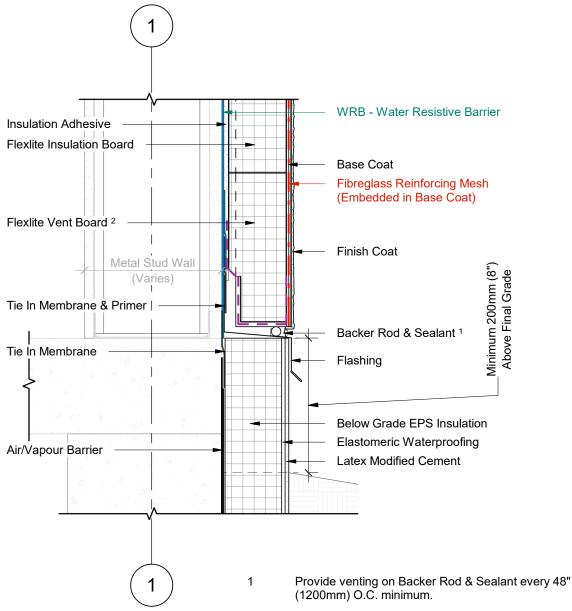


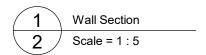
- 1 Steel Studs Frame & Sheathing
- 2 WRB Water Resistive Barrier
- 3 Tie In Membrane & Primer
- 4 Flashing
- 5 Tie In Membrane
- 6 Insulation Adhesive
- 7 Flexlite Insulation Board
- 8 Flexlite Vent Board
- 9 Base Coat

- 10 Fibreglass Reinforcing Mesh (Embedded in Base Coat)
- 11 Finish Coat
- 12 Backer Rod & Sealant
- 13 Sealant Vent
- 14 Air/Vapour Barrier
- 15 Below Grade EPS Insulation
- 16 Elastomeric Waterproofing
- 17 Latex Modified Cement
- 18 Grade

## **DURADOND**.

# INSULATED FOUNDATION WITH FLASHING



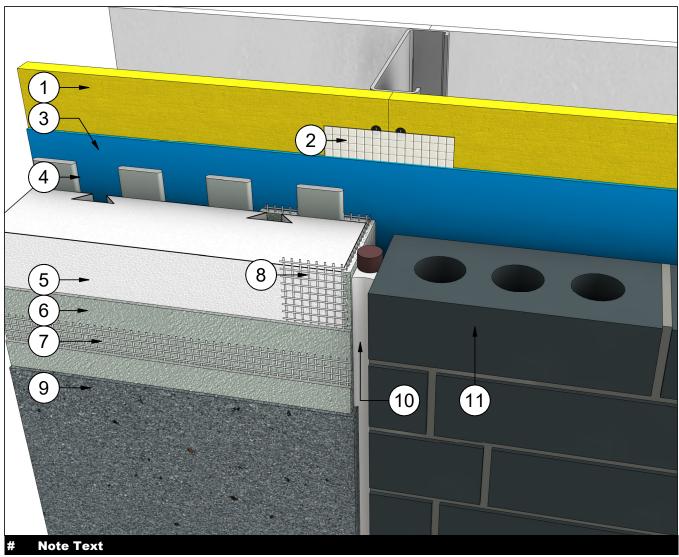


2 Flexlite Vent Board includes vertical drainage

2 Flexilite Vent Board includes vertical drainage channels & a 2.5" (64mm) back wrapped mesh that is adhered to the board with a Base Coat layer.

## **DURADOND**.

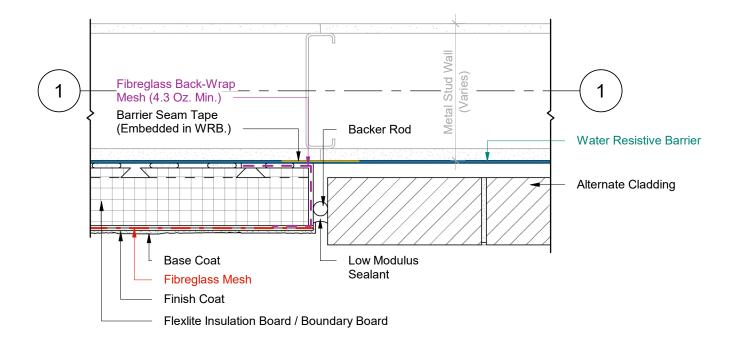
#### **VERTICAL CLADDING CHANGE**

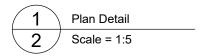


- 1 Steel Studs Frame & Sheathing
- 2 Barrier Seam Tape (Embedded in WRB)
- 3 WRB Water Resistive Barrier
- 4 Insulation Adhesive
- 5 Flexlite Insulation Board / Boundary Board
- 6 Base Coat
- 7 Fibreglass Reinforcing Mesh (Embedded in Base Coat)
- 8 Fibreglass Reinforcing Mesh (Embedded in Base Coat)
- 9 Finish Coat
- 10 Backer Rod & Sealant
- 11 Alternate Cladding

## **DURABOND**.

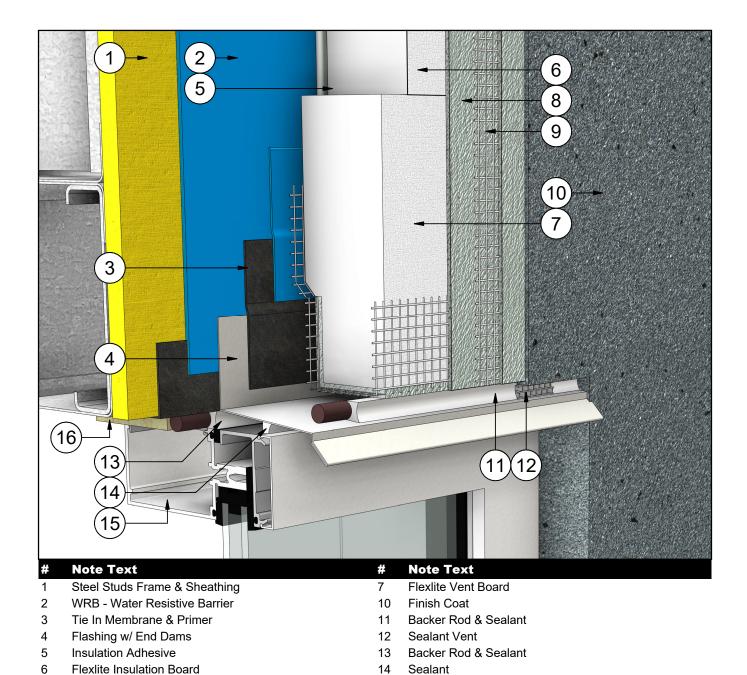
#### **VERTICAL CLADDING CHANGE**





#### **DURADOND**.

#### WINDOW HEAD (OPTION A)



# **DURABOND**.

8

**Base Coat** 

Durabond details are offered to assist in the development of project specific details; principles and variables incorporated in all details are the sole responsibility of the project professional(s).

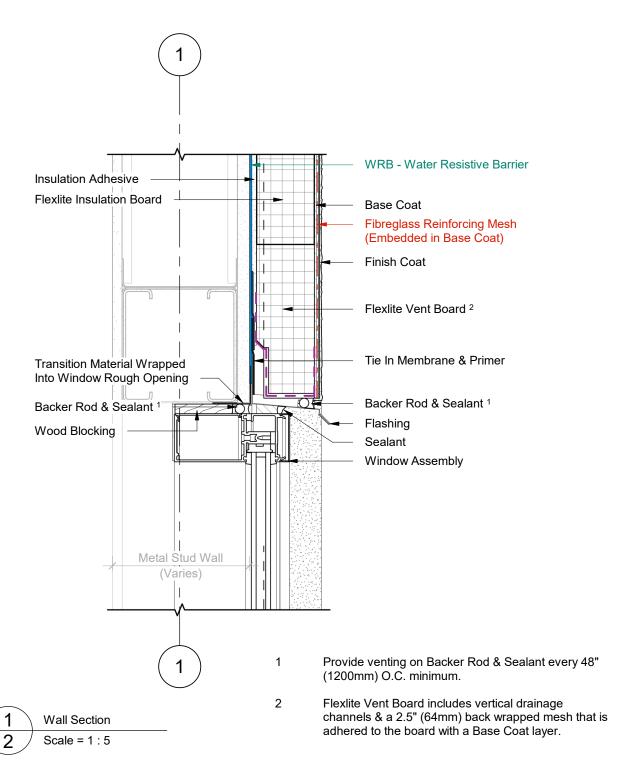
Window Assembly

Wood Blocking

15

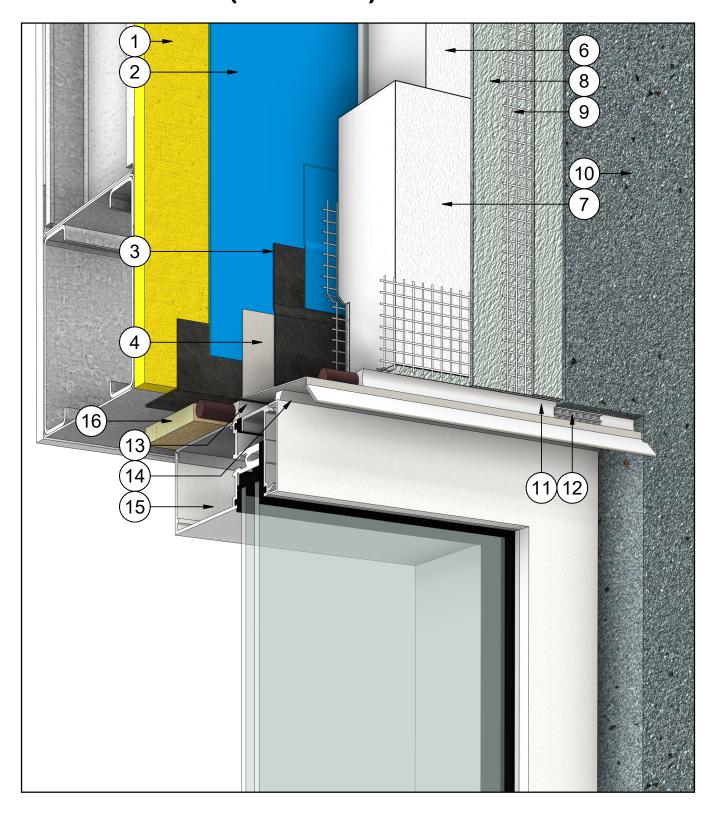
Fibreglass Reinforcing Mesh (Embedded in Base Coat) 16

#### WINDOW HEAD (OPTION A)



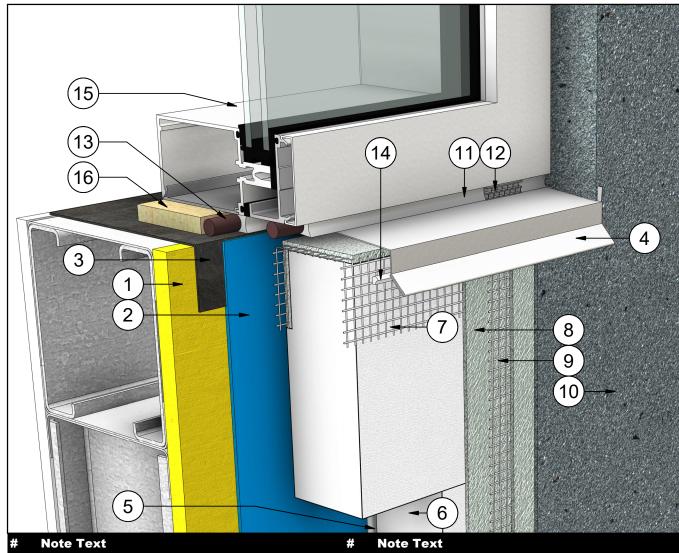
### **DURABOND.**

## **WINDOW HEAD (OPTION A)**



# **DURADOND**.

## **WINDOW SILL (OPTION A)**

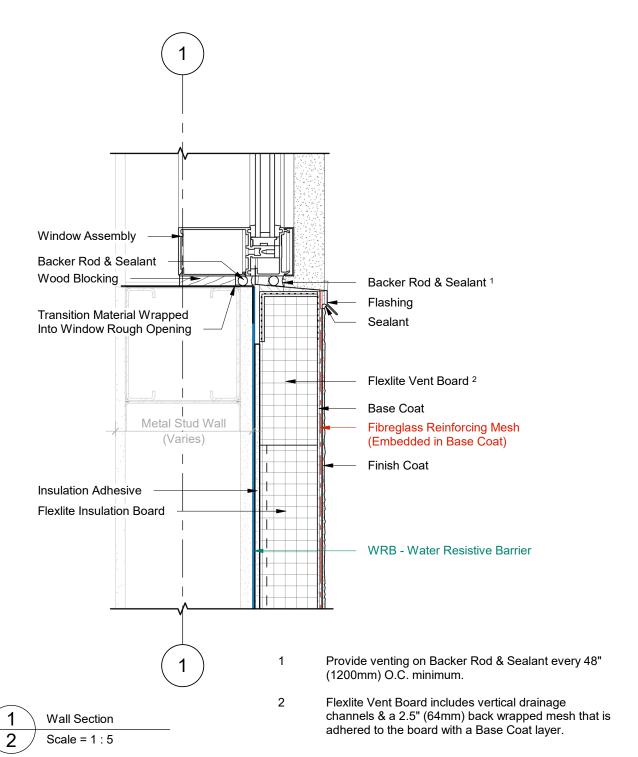


- 1 Steel Studs Frame & Sheathing
- 2 WRB Water Resistive Barrier
- 3 Transition Membrane
- 4 Flashing w/ End Dams
- 5 Insulation Adhesive
- 6 Flexlite Insulation Board
- 7 Flexlite Vent Board
- 8 Base Coat
- 9 Fibreglass Reinforcing Mesh (Embedded in Base Coat)

- 10 Finish Coat
- 11 Backer Rod & Sealant
- 12 Sealant Vent
- 13 Backer Rod & Sealant
- 14 Sealant
- 15 Window Assembly
- 16 Wood Blocking

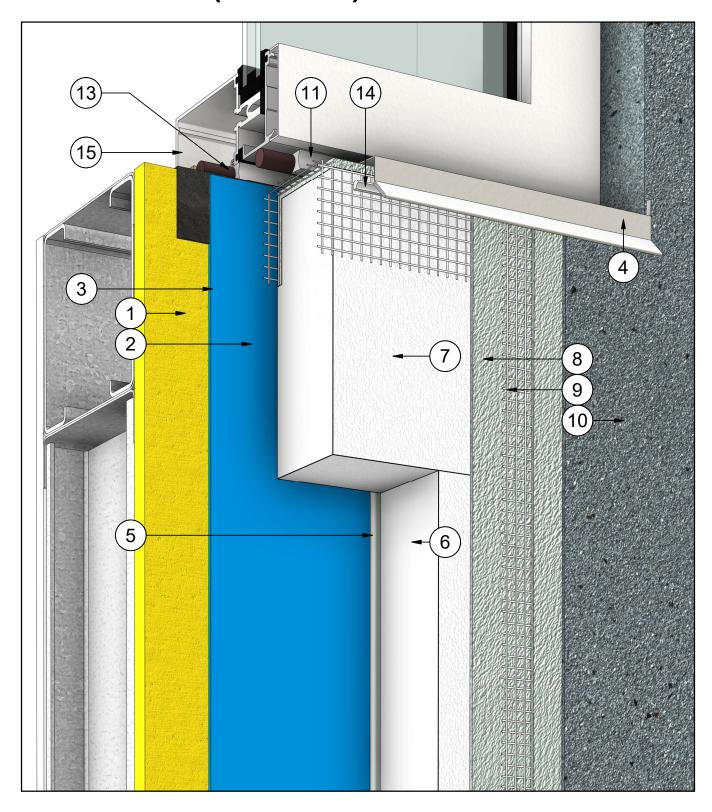
## **DURABOND**.

#### **WINDOW SILL (OPTION A)**



### **DURABOND.**

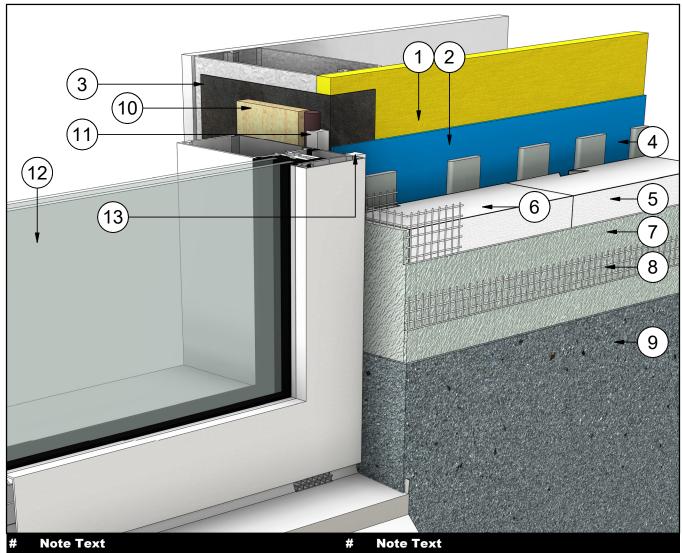
## WINDOW SILL (OPTION A)



# **DURADOND**.

#### FL\_SGB\_DET303\_R1

#### **WINDOW JAMB (OPTION A)**



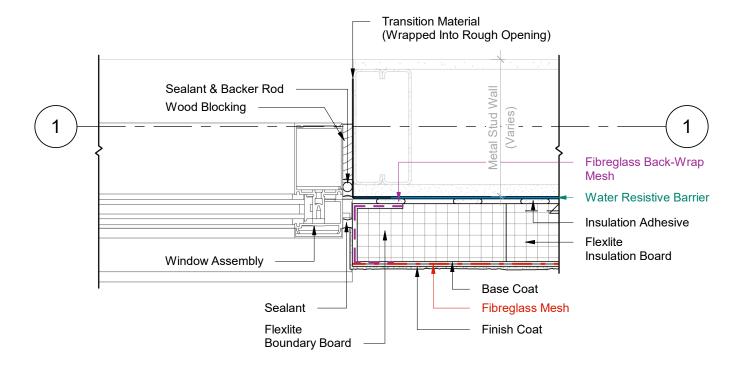
- 1 Steel Studs Frame & Sheathing
- 2 WRB Water Resistive Barrier
- 3 Transition Membrane
- 4 Insulation Adhesive
- 5 Flexlite Insulation Board
- 6 Flexlite Boundary Board
- 7 Base Coat
- 8 Fibreglass Reinforcing Mesh (Embedded in Base Coat)

#### Finish Coat

- 10 Wood Blocking
- 11 Backer Rod & Sealant
- 12 Window Assembly
- 13 Sealant

# **DURABOND**.

### **WINDOW JAMB (OPTION A)**

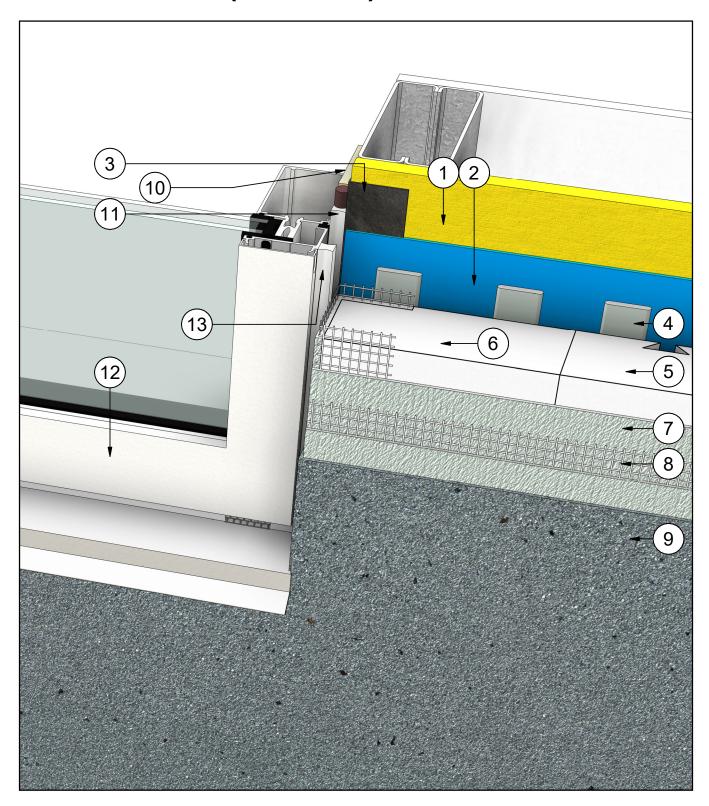


- Plan Detail
  2 Scale = 1:5
- 1 Provide venting on Backer Rod & Sealant every 48" (1200mm) O.C. minimum.
- 2 Flexlite Vent Board includes vertical drainage channels & a 2.5" (64mm) back wrapped mesh that is adhered to the board with a Base Coat layer.

### **DURADOND**.

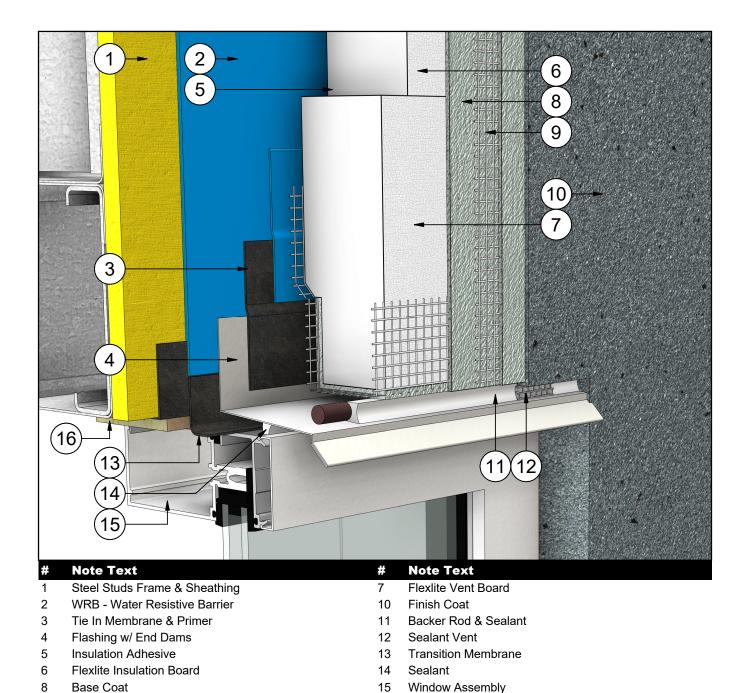
### FL\_SGB\_DET303\_R2

### **WINDOW JAMB (OPTION A)**



## **DURADOND**.

### WINDOW HEAD (OPTION B)



15

Wood Blocking

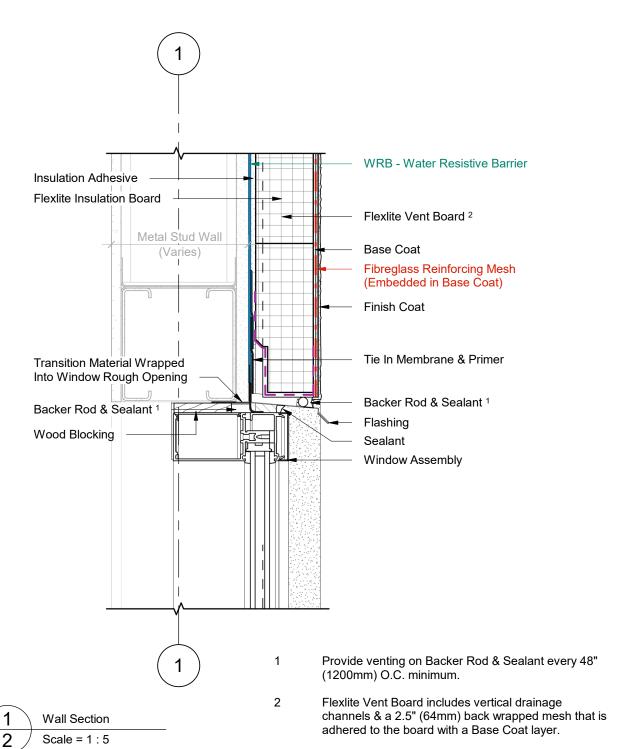
# **DURABOND**.

9

Durabond details are offered to assist in the development of project specific details; principles and variables incorporated in all details are the sole responsibility of the project professional(s).

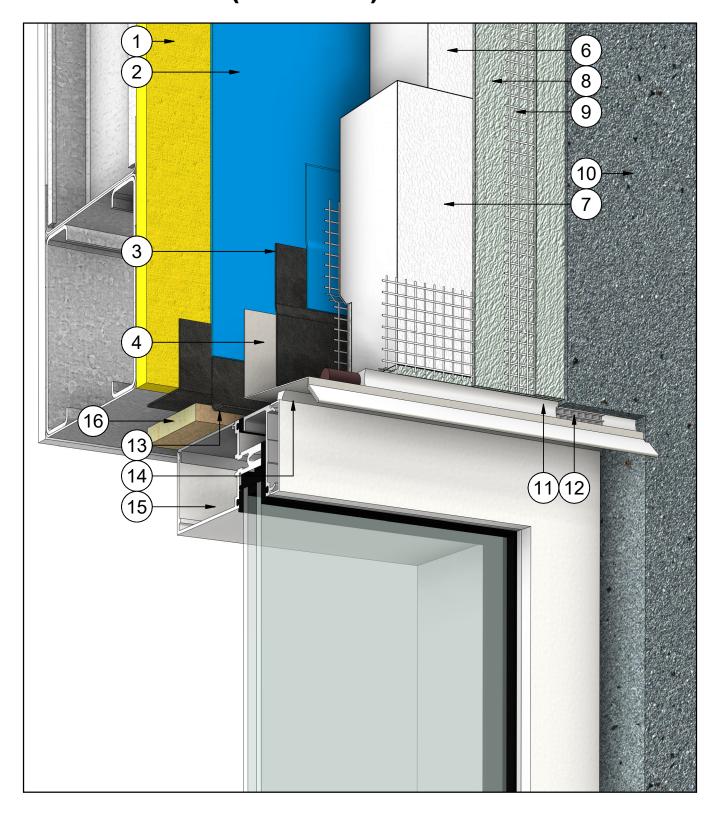
Fibreglass Reinforcing Mesh (Embedded in Base Coat) 16

### WINDOW HEAD (OPTION B)



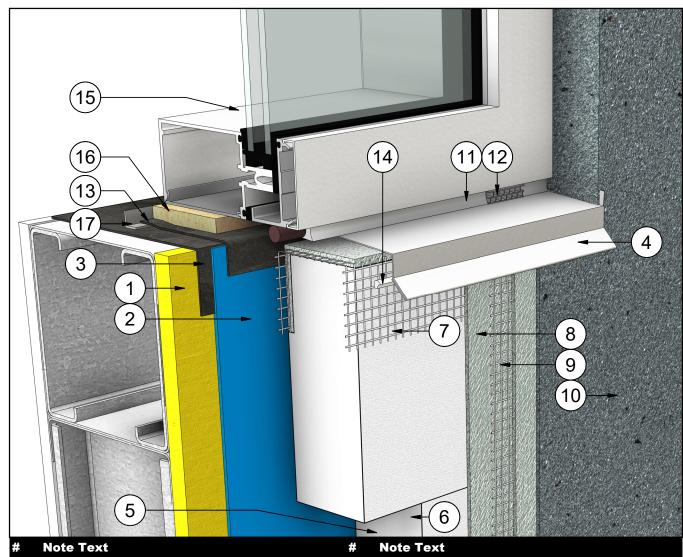
### **DURABOND.**

### WINDOW HEAD (OPTION B)



# **DURABOND**.

## WINDOW SILL (OPTION B)

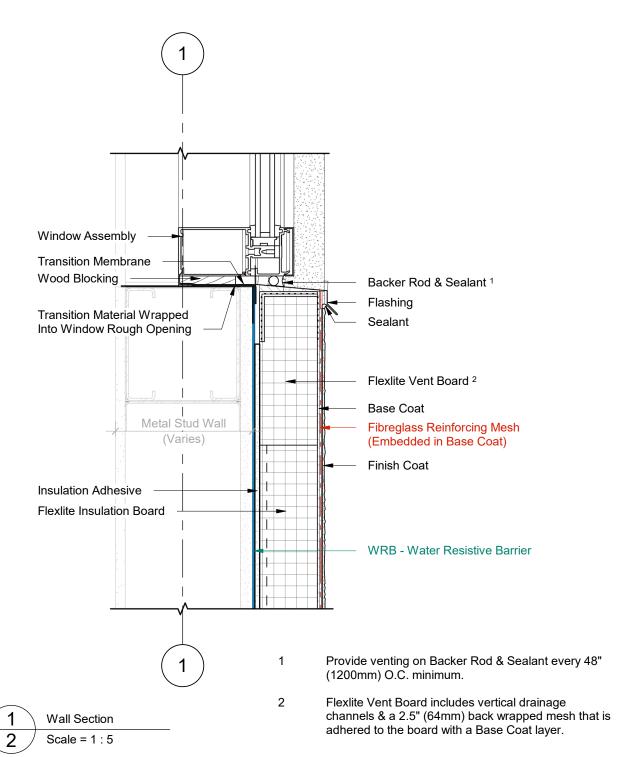


- 1 Steel Studs Frame & Sheathing
- 2 WRB Water Resistive Barrier
- 3 Transition Membrane
- 4 Flashing w/ End Dams
- 5 Insulation Adhesive
- 6 Flexlite Insulation Board
- 7 Flexlite Vent Board
- 8 Base Coat
- 9 Fibreglass Reinforcing Mesh (Embedded in Base Coat)

- 10 Finish Coat
- 11 Backer Rod & Sealant
- 12 Sealant Vent
- 13 Transition Membrane
- 14 Sealant
- 15 Window Assembly
- 16 Wood Blocking
- 17 Drip Deflector

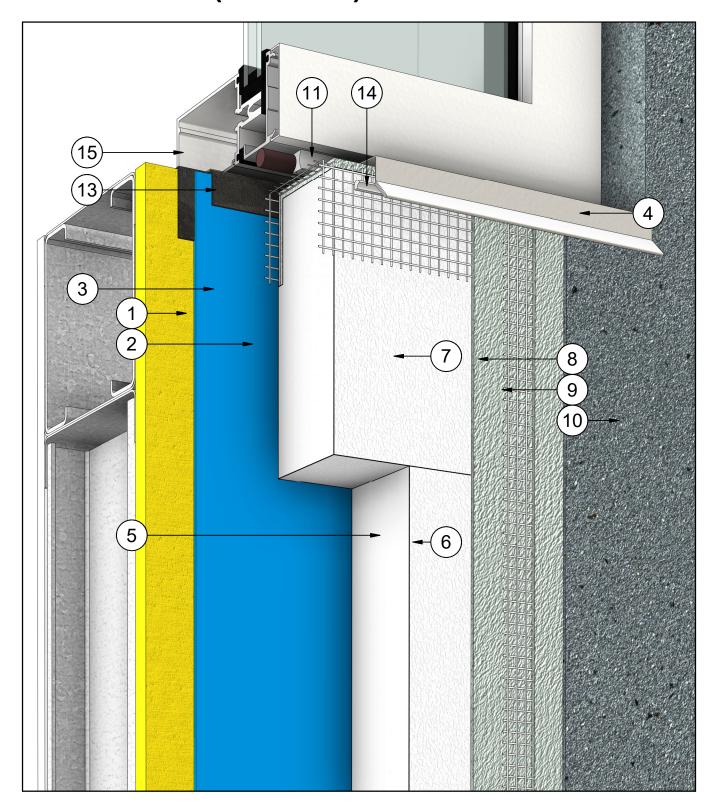
## **DURABOND**.

### WINDOW SILL (OPTION B)



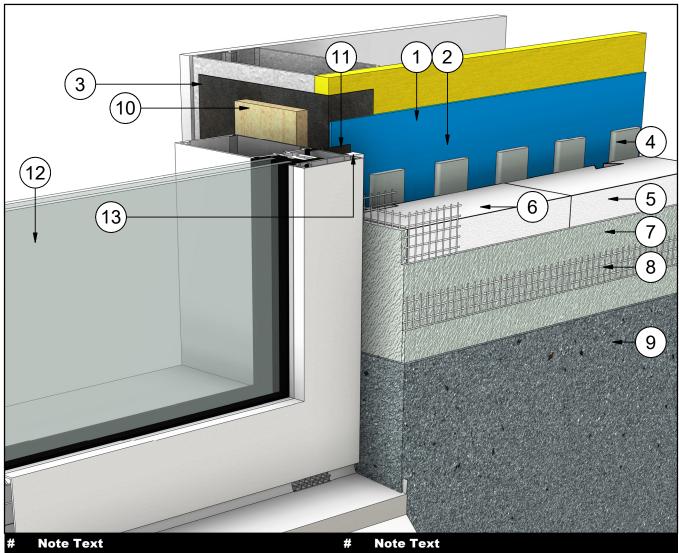
### **DURABOND.**

## WINDOW SILL (OPTION B)



## **DURADOND**.

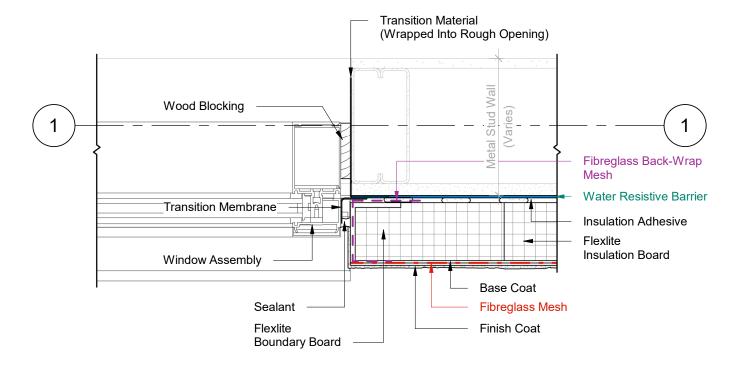
### **WINDOW JAMB (OPTION B)**



- 1 Steel Studs Frame & Sheathing
- 2 WRB Water Resistive Barrier
- 3 Transition Membrane
- 4 Insulation Adhesive
- 5 Flexlite Insulation Board
- 6 Flexlite Boundary Board
- 7 Base Coat
- 8 Fibreglass Reinforcing Mesh (Embedded in Base Coat)
- Finish Coat
- 10 Wood Blocking
- 11 Transition Membrane
- 12 Window Assembly
- 13 Sealant

# **DURABOND**.

### **WINDOW JAMB (OPTION B)**

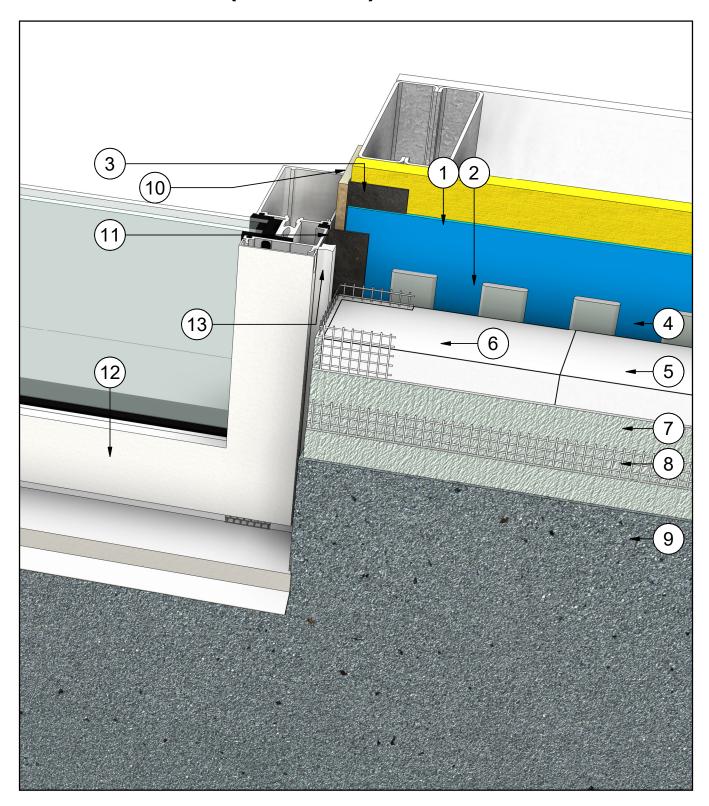


- Plan Detail
  2 Scale = 1:5
- 1 Provide venting on Backer Rod & Sealant every 48" (1200mm) O.C. minimum.
- 2 Flexlite Vent Board includes vertical drainage channels & a 2.5" (64mm) back wrapped mesh that is adhered to the board with a Base Coat layer.

### **DURADOND**.

### FL\_SGB\_DET306\_R2

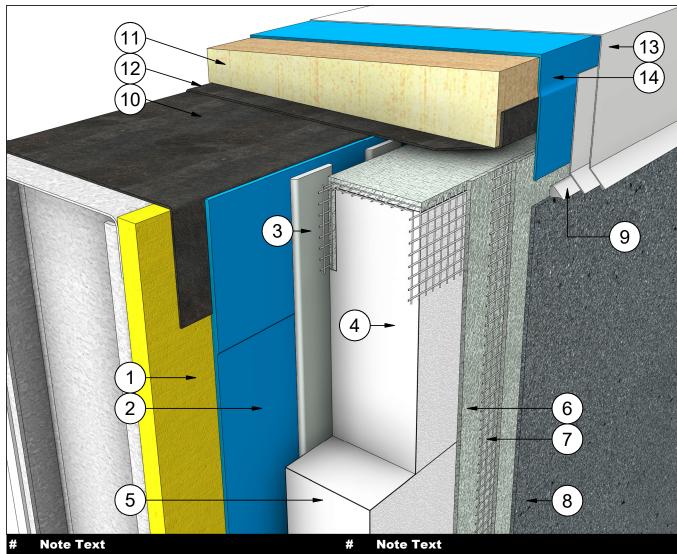
### WINDOW JAMB (OPTION B)



## **DURADOND**.

### FL\_SGB\_DET401\_R2

#### **PARAPET DETAIL**



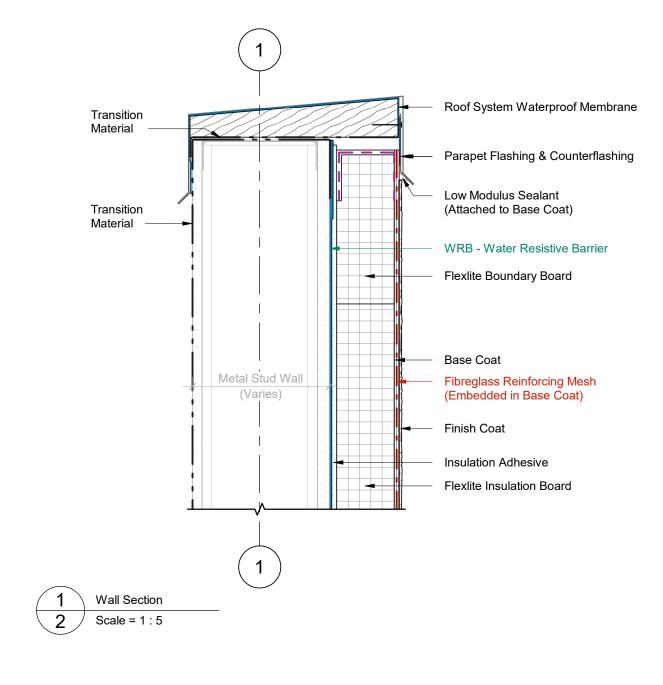
- 1 Steel Studs Frame & Sheathing
- 2 Water Resistive Barrier
- 3 Insulation Adhesive
- 4 Flexlite Boundary Board
- 5 Flexlite Insulation Board
- 6 Base Coa
- 7 Fibreglass Reinforcing Mesh (Embedded in Base Coat)
- 8 Finish Coat

- 9 Low Modulus Sealant
- 10 Transition Material Over Wall Assembly
- 11 Wood Blocking
- 12 Transition Material from Back of Wall to Front of Wall
- 13 Parapet Flashing & Counterflashing
- 14 Roof System Waterproof Membrane

### **DURADOND**.

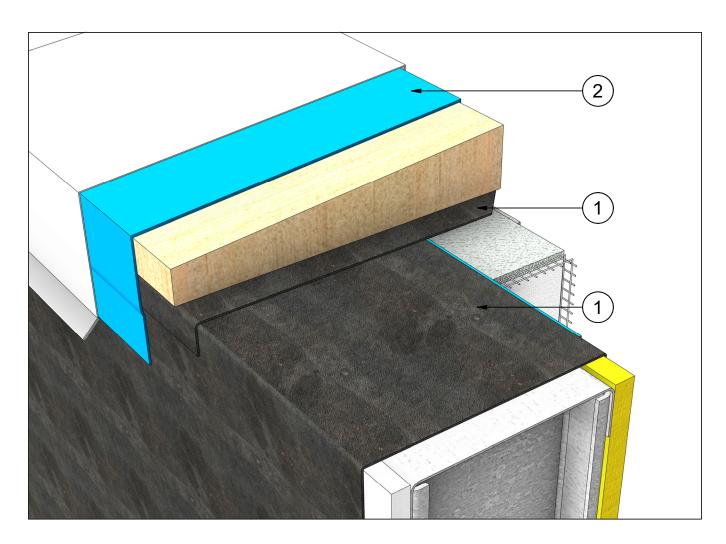
### FL\_SGB\_DET401\_R2

#### **PARAPET DETAIL**



### **DURADOND**.

#### PARAPET DETAIL



#### MEMBRANE SPECIFICS

1 Transition Material

There are two **transition membranes** needed to complete the parapet. The first membrane transitions between the backside of the wall and the water resistive barrier.

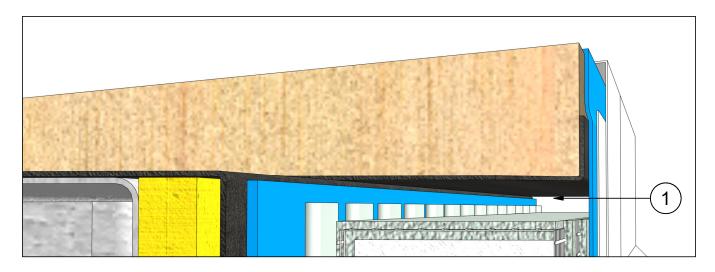
The second membrane then lines the bottom of the wood blocking. It gets overlapped on both sides of the wall by the **air & vapour barrier**. These two layers of transition material ensure that the drainage remains positive at both the front & back of the wall.

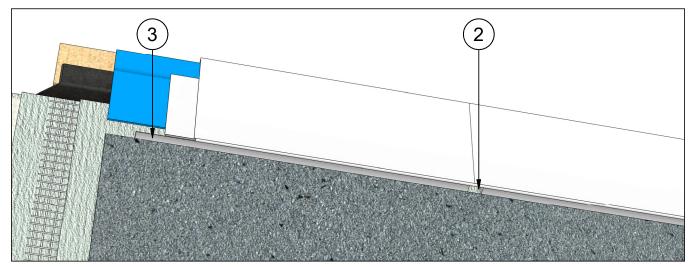
(2) Roof System Waterproof Membrane

The roof waterproofing membrane, typically an air & vapour barrier, is located directly beneath the metal flashing. It wraps over the enterity of the wall and ensures that the parapet is protected from the elements.

### **DURABOND**.

#### PARAPET DETAIL





#### AIR SPACE & SEALANT SPECIFICS

1 Provide a 1/2" (13mm) Air Space

The air space at the top of the wall allows for the wall assembly to expand & contract freely without damaging the parapet.

(2) Provide a 1/2" (13mm) Air Space

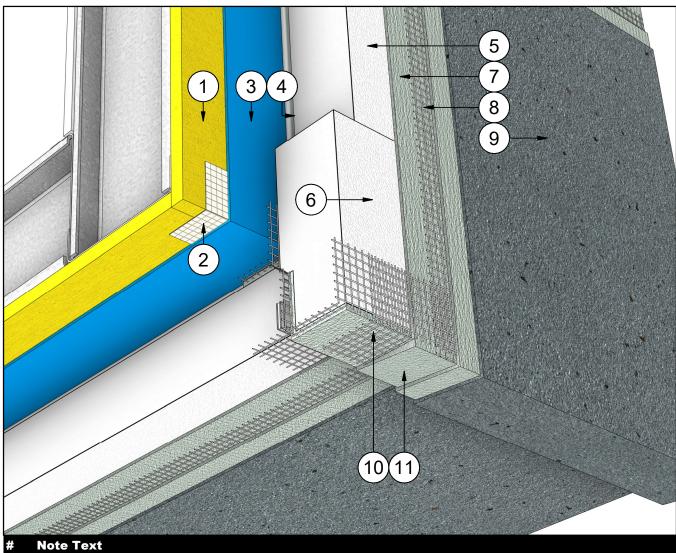
When the parapet has a seam in the metal flashing, the sealant should be broken to allow the system to vent freely.

ig(3ig) Sealant Attached to Base Coat

The sealant is attached directly to the base layer. The finish coat is then applied to complete the wall; it abuts against the sealant.

### **DURADOND**.

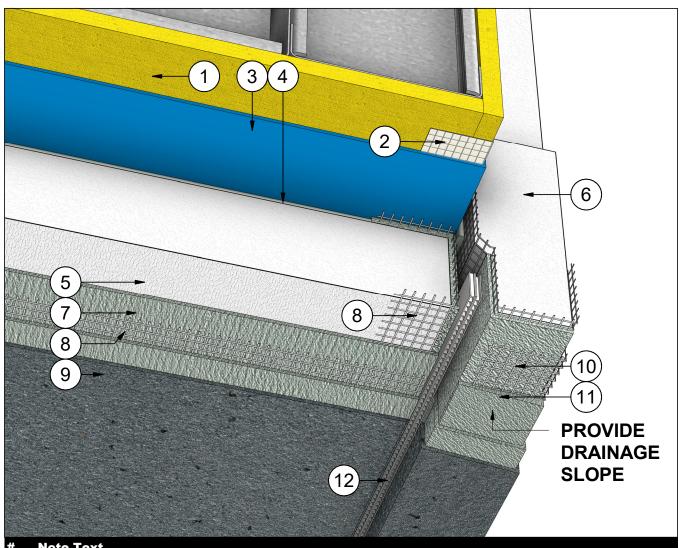
# SOFFIT INTERFACE WITH OVERHANG



- 1 Steel Studs Frame & Sheathing
- 2 Barrier Seam Tape (Embedded in WRB)
- 3 WRB Water Resistive Barrier
- 4 Insulation Adhesive
- 5 Flexlite Insulation Board
- 6 Flexlite Vent Board
- 7 Base Coat
- 8 Fibreglass Reinforcing Mesh (Embedded in Base Coat)
- 9 Finish Coat
- 10 Fibreglass Corner Mesh (Embedded in Base Coat)
- 11 Base Coat Sloped for Drainage
- 12 Durex Continous Drainage Vent

### **DURADOND**.

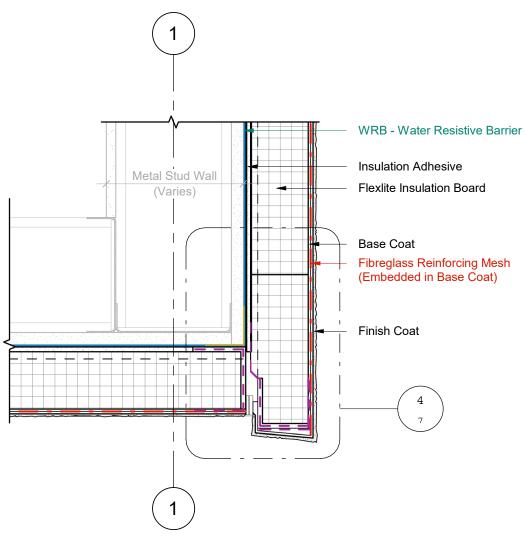
### **SOFFIT INTERFACE WITH OVERHANG**



- **Note Text**
- Steel Studs Frame & Sheathing
- 2 Barrier Seam Tape (Embedded in WRB)
- 3 WRB - Water Resistive Barrier
- 4 Insulation Adhesive
- 5 Flexlite Insulation Board
- 6 Flexlite Vent Board
- 7 **Base Coat**
- 8 Fibreglass Reinforcing Mesh (Embedded in Base Coat)
- 9 Finish Coat
- Fibreglass Corner Mesh (Embedded in Base Coat) 10
- 11 Base Coat Sloped for Drainage
- **Durex Continous Drainage Vent**

### **DURADOND**.

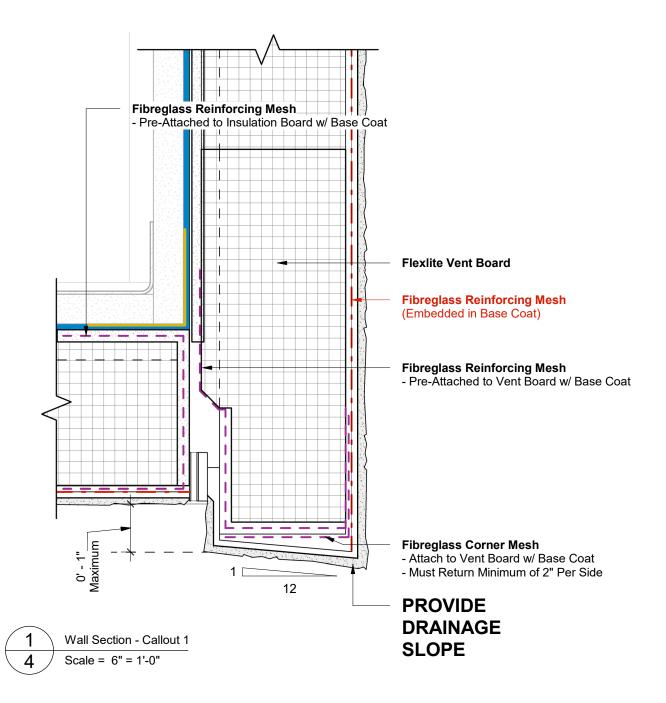
# SOFFIT INTERFACE WITH OVERHANG



1 Wall Section
3 Scale = 1:5

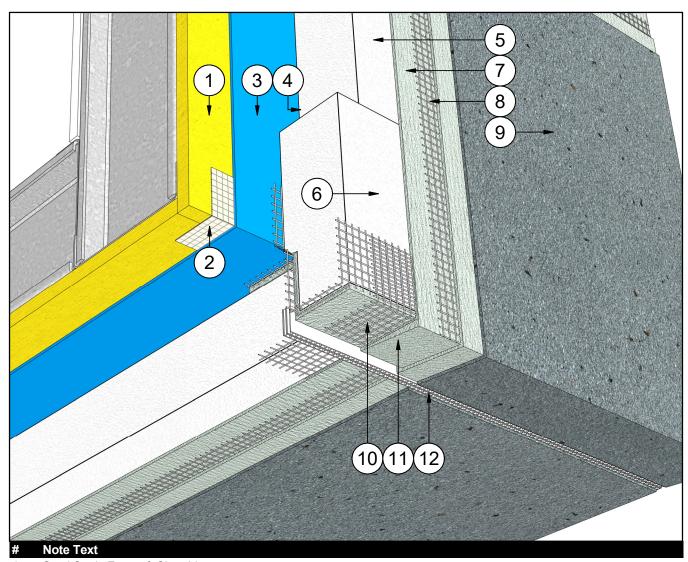
## **DURABOND**.

# SOFFIT INTERFACE WITH OVERHANG



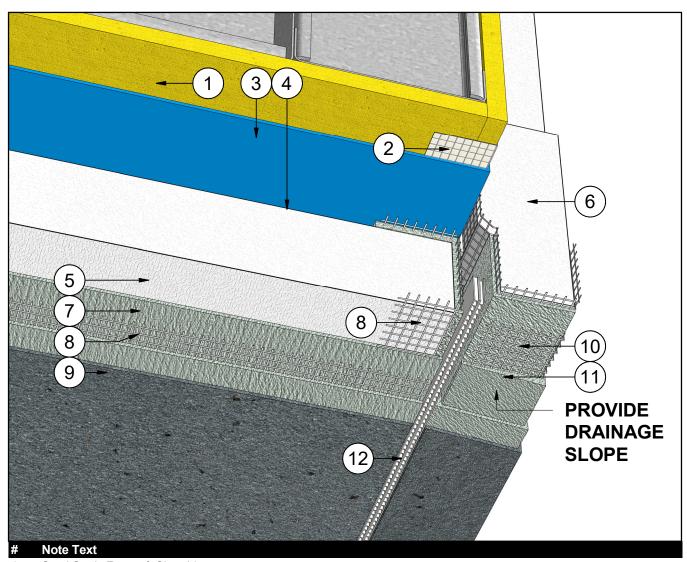
### **DURADOND**.

# SOFFIT INTERFACE WITH FLUSH JOINT



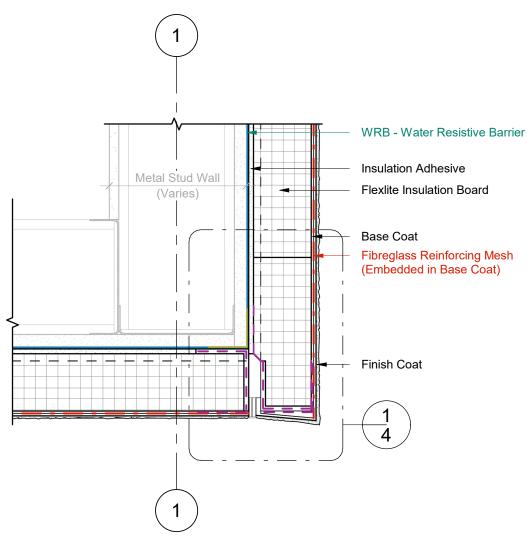
- 1 Steel Studs Frame & Sheathing
- 2 Barrier Seam Tape (Embedded in WRB)
- 3 WRB Water Resistive Barrier
- 4 Insulation Adhesive
- 5 Flexlite Insulation Board
- 6 Flexlite Vent Board
- 7 Base Coat
- 8 Fibreglass Reinforcing Mesh (Embedded in Base Coat)
- 9 Finish Coat
- 10 Fibreglass Corner Mesh (Embedded in Base Coat)
- 11 Base Coat Sloped for Drainage
- 12 Durex Continous Drainage Vent

### **DURADOND**.



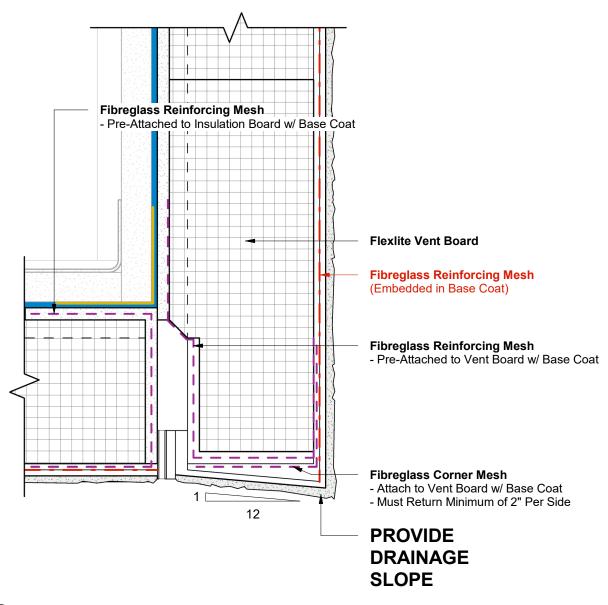
- 1 Steel Studs Frame & Sheathing
- 2 Barrier Seam Tape (Embedded in WRB)
- 3 WRB Water Resistive Barrier
- 4 Insulation Adhesive
- 5 Flexlite Insulation Board
- 6 Flexlite Vent Board
- 7 Base Coat
- 8 Fibreglass Reinforcing Mesh (Embedded in Base Coat)
- 9 Finish Coat
- 10 Fibreglass Corner Mesh (Embedded in Base Coat)
- 11 Base Coat Sloped for Drainage
- 12 Durex Continous Drainage Vent

### **DURADOND**.



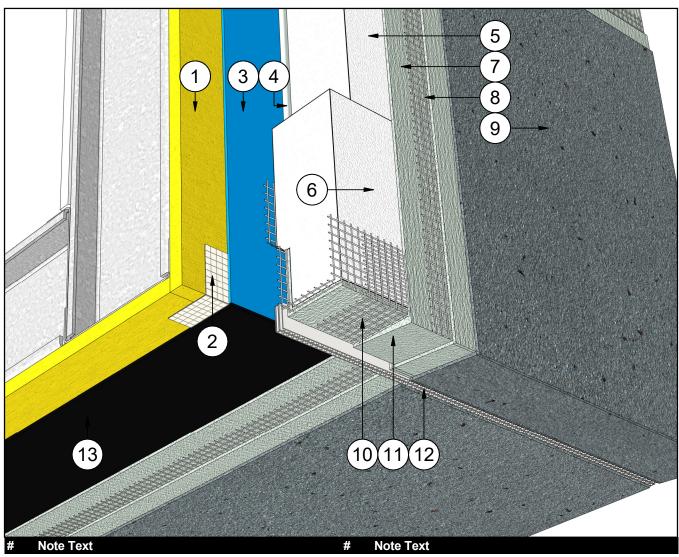
1 Wall Section
3 Scale = 1:5

## **DURABOND**.



1 Wall Section - Callout 1
4 Scale = 6" = 1'-0"

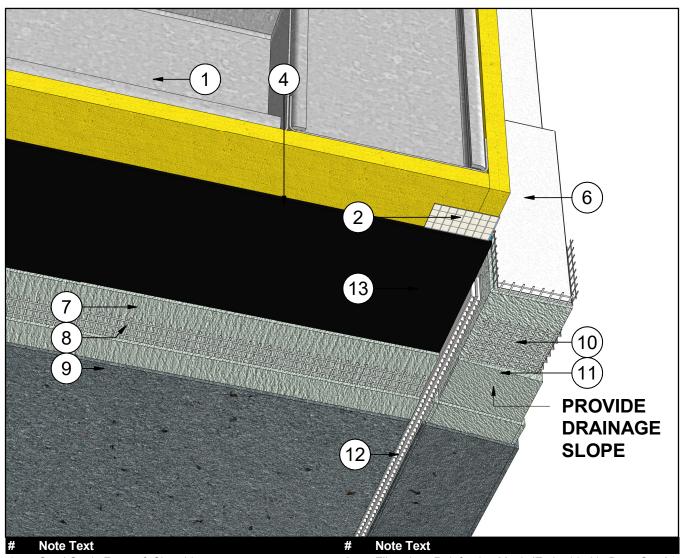
### **DURADOND**.



- 1 Steel Studs Frame & Sheathing
- 2 Barrier Seam Tape (Embedded in WRB)
- 3 WRB Water Resistive Barrier
- 4 Insulation Adhesive
- 5 Flexlite Insulation Board
- 6 Flexlite Vent Board
- 7 Base Coat

- 8 Fibreglass Reinforcing Mesh (Embedded in Base Coat)
- 9 Finish Coat
- 10 Fibreglass Corner Mesh (Embedded in Base Coat)
- 11 Base Coat Sloped for Drainage
- 12 Durex Continous Drainage Vent
- 13 Air & Vapour Barrier

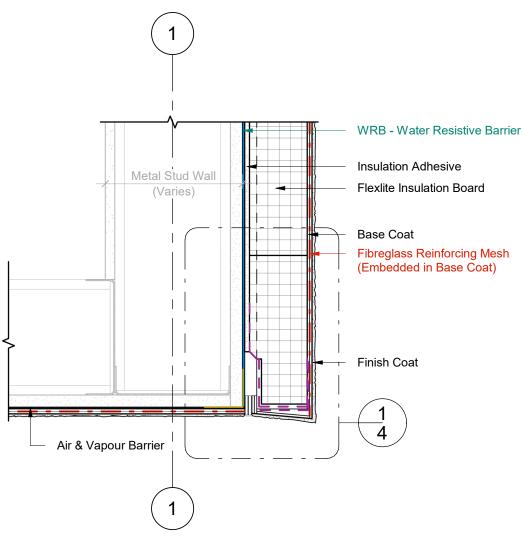
## **DURABOND**.



- 1 Steel Studs Frame & Sheathing
- 2 Barrier Seam Tape (Embedded in WRB)
- 3 WRB Water Resistive Barrier
- 4 Insulation Adhesive
- 5 Flexlite Insulation Board
- 6 Flexlite Vent Board
- 7 Base Coat

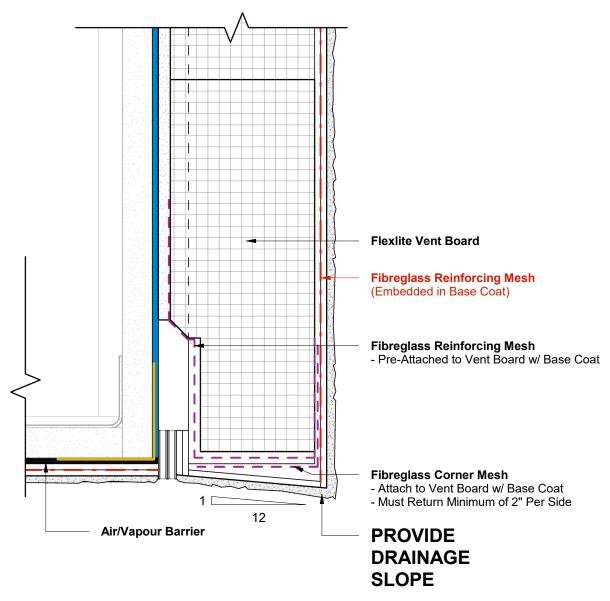
- 8 Fibreglass Reinforcing Mesh (Embedded in Base Coat)
- 9 Finish Coat
- 10 Fibreglass Corner Mesh (Embedded in Base Coat)
- 11 Base Coat Sloped for Drainage
- 12 Durex Continous Drainage Vent
- 13 Air & Vapour Barrier

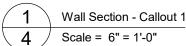
### **DURADOND**.



1 Wall Section
3 Scale = 1:5

## **DURABOND**.





### **DURADOND**.