Drained / Protected vs. Barrier Systems
Drained / Protected

inset balcony

Step 1

cut and fold up sheet WRB at balcony edge

Step 2

apply a bead of sealant at deck to wall interface

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Drained / Protected

inset balcony

Step 3 (Optional)
install a light gauge metal angle at deck to wall interface

Step 4
install deck waterproof membrane following the manufacturers recommendations
Drained / Protected

inset balcony

Step 5

metal edge angle spaced out over the face of the trim or cladding below

Step 6

strip in the metal edge flashing with a strip of compatible self adhered membrane flashing
Drained / Protected

Inset balcony

Step 7

Drainage mat (compatible with deck waterproof membrane)

Step 8

Metal T-bar concrete stop installed over drainage mat. Shim as required at attachment locations.

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Step 5

install a corner diverter gutter spaced out over the face of the balcony edge the thickness of the trim or cladding below. The gutter will direct water from the deck out from behind the adjacent wall cladding.

Step 5 (reverse view)
Step 6

metal edge angle spaced out over the face of the trim or cladding below. End of metal edge flashing fits into the diverter gutter.

Step 6 (reverse view)
Drained / Protected

Step 7
strip in the metal edge flashing with a strip of compatible self adhered membrane flashing

Step 8
drainage mat (compatible with deck waterproof membrane)

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Step 9
- Metal T-bar concrete stop installed over drainage mat. Shim as required at attachment locations.

Step 10
- Fold sheet WRB down over upper edge of deck waterproof membrane. Tape all cuts with compatible construction tape.
- Concrete topping slab.

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Buildings are complicated.

- David Shrigley, *The Essential David Shrigley*