









Practise: Continuous Layers

1. Structure

- connect all parts together to foundation
- 2. Continuous Rain Control
 - Drainage plane, gap and flashing is needed
- 3. Continuous Insulation
 - Exterior insulation layer to slow heat flow, blunt cold spots (R>5)
- 4. Air barrier

Waterloo

- Continuous air barrier to control air flow
- Vapor retarder less important, may have holes

John Straube









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Draining surface(s) vs drainage layer

• Drainage plane

Waterloo

- Must be a capillary break
- Must be durable when wetted
- Must be lapped or continuous
- Peel and stick, BP, Tyvek, spray applied
- Must lead to flashing (waterproof or steep slope) and weep holes

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Types Format Sprayed on HAN/ - trowel applied - Sheet applied MBA. • Desirable Attributes - Self sealing - Fully adhered - Vapor permeable



























R3

Waterloo





4. Air Barrier Provide a continuous barrier to air flow over the whole building John Straube





































































SPF air barrier, polyiso drain plane











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