QAI Design B1045-1a – Les Enduits STEF Coatings Inc. - CAN/ULC S134

Maximum ≤ Heat Flux 35 kW/m² @ 3.5 m
Maximum Flame Spread < 5 m

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<th>No.</th>
<th>COMPONENT</th>
<th>DESCRIPTION</th>
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| 1   | Finish Coat | Certified Manufacturer: Les Enduits STEF Coatings Ltd.  
Certified Product: STEF Finish Coat  
Primer: STEF Roll on Primer |
| 2   | Mesh | Minimum Weight: 150 g/m² (4.5 oz/sq.yd.)  
Type: Treated fiberglass mesh embedded in base coat.  
Installation: Backwrapping the mesh and base coat are required on all joints or openings, or perimeter terminations, with a mesh strip of 240 mm (9 ½”) wide. Minimum 64 mm (5 ½”) overlap on all mesh edges. |
| 3   | Base Coat | Certified Manufacturer: Les Enduits STEF Coatings Ltd.  
Certified Product: STEF base coat – meets requirements of CAN/ULC S114  
Coating Thickness: Minimum average thickness of 2.4 mm (100 mils) |
| 3   | Insulation | Product: Approved and Labeled - Type 1 EPS geometrically defined drainage insulation boards  
ROXUL RXL 80  
Approved and Labeled - Type 1 EPS flat insulation boards  
Density: Maximum average density of 16 kg/m³ (1.0 lb/ft³)  
128 kg/m³ (8.0 lb/ft³)  
Maximum average density of 16 kg/m³ (1.0 lb/ft³)  
Flame Spread Index: Maximum flame spread index of 250 when tested in accordance with CAN/ULC S102.2  
Size: 610 mm x 1219 mm (24" x 48")  
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Thickness: Maximum 50 mm (2")  
50 mm – 100 mm (2" - 4")  
Maximum 50 mm (2") |
| 4   | Adhesive/ Fastener Detail | Fasteners: Mechanically fastened. Insulation boards with STEF Fasteners spaced 400 mm (16") o.c. horizontally and 300 mm (12") o.c. vertically, drilled and screwed into the wall studs through the wall sheathing  
Installation: The channels facing the interior side of the panels. Offset vertical panel joints while maintaining channel alignment  
Offset vertical panel joints  
Offset vertical panel joints |
| 5   | Weather Resistive Barrier | Product: Bituminous self-adhered barrier membranes, STEF Barrier Plus, STEF-Tek or other STEF-approved liquid applied (air and/or vapour) barriers depending on the wall system design requirements. Foam plastic water resistive barriers are not evaluated for use.  
Installation: Applied directly to the exterior sheathing |
| 6   | Substrate | Type: Code-approved substrates of brick, masonry, monolithic concrete walls, cementitious panels, glass-mat-surfacd gypsum sheathing board. |