**StoQuik® Silver PQ**

Impact resistant decorative and protective cladding, rainscreen wall design with exterior insulation

Substrate: Glass mat gypsum sheathing in compliance with ASTM C 1177, code compliant concrete or concrete masonry, existing structurally sound brick or other masonry wall construction.

1) Sto Flexyl Air and Moisture Barrier
2) PermaBase® Brand Cement Board
3) StoGuard Mesh Joint Reinforcement
4) Sto Mesh (embedded in Sto Base Coat)
5) Sto Primer/Adhesive-B Base Coat
6) Sto Primer Sand (optional)
7) Sto Textured Finish: Stolit
# StoQuik Silver® PQ

Exterior insulation system for heat, air, and moisture control with exterior finish

## System Description

StoQuik Silver PQ is a decorative and protective rainscreen wall assembly with exterior insulation for superior moisture protection and thermal comfort. Sto’s high performance finishes applied over cement board provide handsome aesthetics and a durable exterior skin.

## Uses

StoQuik Silver PQ can be used in residential or commercial wall construction where energy efficiency, superior aesthetics, and air and moisture control are essential in the climatic extremes of Canada.

## Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Specification</th>
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</thead>
<tbody>
<tr>
<td>Cladding Weight</td>
<td>&lt; 20 kg/m² (4 psf)</td>
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<tr>
<td>Cladding Thickness</td>
<td>Nominal 16 mm (5/8 inches)</td>
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<tr>
<td>R-value (with typical 51–76 mm insulation)</td>
<td>1.4 – 2.1 m²K / W (8.0 – 12.0 ft²•h•°F / Btu)</td>
</tr>
<tr>
<td>Cladding Wind Load Resistance</td>
<td>Tested to: +7.94, - 4.50 kPA (+ 166, -94 psf)</td>
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<tr>
<td>Air Leakage (air barrier component)</td>
<td>&lt; 0.02 L/s•m² at 75 Pa</td>
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</tbody>
</table>

## Warranty

10 year Limited Warranty

## Maintenance

Requires periodic cleaning to maintain appearance, repair to cracks and impact damage if they occur, recoating to enhance appearance of weathered finish. Sealants and other façade components must be maintained to prevent water infiltration.

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**Attention**

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### Limitations

**Minor surface cracking may occur due to stress induced by framing or thermal movement.**

Wind load resistance: +7.94, -4.5 kPa (+166, -94 psf) ultimate loads achieved. Ultimate wind load resistance also depends on sheathing, sheathing attachment, and stiffness of supporting construction. Design for maximum allowable deflection of L/360.

Planar irregularities/waviness may be visible in finished wall surface if supporting frame work is out of plane. Heavy texture finishes (≥ 1.5 mm) and/or two coats of base coat will minimize these effects.

For use on vertical above grade walls only. Do not use below grade or on roofs or roof-like surfaces.

Joints required at intervals to accommodate thermal movement.

Dark finish colors with LRV (Light Reflectance Value) < 30 are not recommended.

Air Barrier, insulation board, and base coat materials are not intended for prolonged weather exposure. Allow sixty days maximum between application of assembly component layers.

Refer to specific component product bulletins and packaging for other limitations that may apply involving use, handling and storage of component materials.

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