Specifically designed to meet demanding DP-50 requirements for wind load and water infiltration.
STANDARD FEATURES

- Minimum DP-50 structural rating.
- Cost effective alternative to aluminum or wood clad products with better thermal efficiencies too.
- Structurally sound construction is well disguised by clean, contemporary designs which include pure-brite vinyl, simulated 'brickmold exterior and BetterVue' screen mesh (screens available on operating units only).
- Extruded J-Channel, fusion welded corners and top-of-the-line hardware add value from head to sill.

Styles

<table>
<thead>
<tr>
<th></th>
<th>Test Sizes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single Hung</td>
<td>36” x 84” or 40” x 63”</td>
</tr>
<tr>
<td>Double Hung</td>
<td>36” x 84”</td>
</tr>
<tr>
<td>Casement</td>
<td>36” x 72”</td>
</tr>
<tr>
<td>Horizontal Slider</td>
<td>63” x 44”</td>
</tr>
<tr>
<td>Picture Window</td>
<td>72” x 72”</td>
</tr>
<tr>
<td>Patio Door</td>
<td>72” x 82”</td>
</tr>
</tbody>
</table>

VINYL COLORS

Crusader Series windows and doors showcase an unmatched glossy appearance in 3 vinyl colors. Our vinyl carries a 20-year warranty against peeling, rotting, flaking, blistering or corroding.

- White
- Sandstone
- Beige

OPTIONAL PAINTED EXTERIOR VINYL COLORS

Quaker’s superb painted exterior option adds some flair and color in the demanding DP-50 world. But this is no ordinary paint. Like the Crusader Series itself, our vinyl exterior paint is tough and durable. Heat reflective exterior paint finish carries a 10-year warranty against fading or significant discoloration.

- White
- Satin Creme
- Beige
- Sandstone
- Toffee
- Chestnut
- Holly
- Redwood
- Earthtone
- Dark Bronze
- Black
- Metallic Grey

OPTIONAL INTERIOR APPEARANCE

- Dark Oak Wood Grain (only available on interior and combined with white vinyl or painted exterior)

ADDITIONAL OPTIONS TO ENHANCE APPEARANCE AND/OR FUNCTIONALITY

- Grids between the glass (single color or two-tone)
- Contoured grids between the glass (single color or two-tone)
- Simulated divided lites
- Limited travel device
- Aluminum mesh screen
- Extension jambs

GLASS OPTIONS

- A good/better/even better/best selection of glazing packages:
  - EnergyBasic, Energy 3S, EnergyPlus and EnergyMax offer different levels of energy-efficiency. For the ultimate glazing upgrade, choose triple-pane Energy TG.

NOT JUST STRONG... IT’S DP-50 STRONG

Special reinforcements are added throughout the window to achieve the strength and rigidity a DP-50 product requires.

- No vinyl upgrade necessary. Our standard vinyl thickness is .062 gauge, as thick as you’ll find in the industry. It’s strong too - made up of pure vinyl, not delicate, reground vinyl.
- Quaker’s standard I.G. package includes DSB glass for both panes. Optional thicknesses are available. Glass stays intact thanks to super-strong glazing sealant, specially formulated to stand up to high winds and/or heavy rains.
- DP-50 doesn’t mean single units only. It’s required for ganged units too. To get there, Quaker uses an enhanced mulling system specifically designed to withstand harsh elements. This sturdy t-mull system works on Crusader Single Hungs, Double Hungs, Horizontal Sliders and Picture Windows.

A 2” post mull system is also available. It’s the requisite mull for the Crusader Casement, but if needed, can also be used with all other operating and fixed styles.

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Performance rating applies to single and twin units only.

Contact your local Quaker Window dealer. Call 1-800-347-0438 or visit our website for the dealer near you.

January, 2016