

# Certification of Conformance

## KP Ashbury Vinyl Siding

This certifies that KP Ashbury Vinyl Siding complies with ASTM 3679 specifications.

Thickness: .050" (+/- .001" on average as determined by ASTM 3679 3.2.9)

KP Ashbury vinyl siding is manufactured from PVC compound conforming to the requirements of ASTM D1784 – classification cell class 13334.

KP Ashbury vinyl siding compound meets or exceeds the following requirements:

- ASTM D 4226 Impact strength at 23°C (73°F); 2.83 in-lb/mil
- ASTM D 256 IZOD Impact at 23°C (73°F) 2.70 ft. lbf/in of notch  
IZOD Impact at 0°C (32°F); 1.55 ft. lbf/in of notch
- ASTM D 696 Coefficient of Linear Thermal Expansion;  $3.38 \times 10^{-5}$  in/in °F
- ASTM D 638 Tensile Strength 6,923 (psi)
- ASTM D 638 Modulus of Elasticity in Tension; 383,392 (psi)
- ASTM D 648 Deflection Temp Under Flexural Load; 168°F (75.6°C) (@ 264 psi)
- ASTM D 5206 Wind load resistance; 44.6 psf
- ASTM D 1435 Weathering; weather resistant
- Low Temperature Flexibility at 0°C (32°F); no cracking

### Fire Characteristics

KP Ashbury vinyl siding when tested in conformance with recognized fire test procedures meets or exceeds building code requirements:

- UBC 26-5/ASTM D-2843 Smoke Density; <69%
- UBC 26-6/ASTM D-1929 Self ignition; 777°F (410°C)  
Flash ignition; 752°F (400°C)
- UBC 26-7/ASTM D-635 Average time of burning; <5 seconds  
Average length of burning; <1 inch (20mm)
- ASTM E84 Fuel Contribution; 0  
Smoke Density; 250  
Flame Spread; less than 26

