

Certification of Conformance

KP Maxim Vinyl Siding

This certifies that Maxim Vinyl Siding complies with the specifications of:

- VSI - ASTM D3679
- HUD-FHA Minimum Property Standards
- MDC NOA
- ICC ESR-1517
- FBC FL12201

Thickness: .046" (\pm .001" on average as determined by ASTM D3679).

Maxim Vinyl Siding is manufactured from PVC compound conforming to the requirements of ASTM D1755 – classification cell class GP4-16040.

- Maxim Vinyl Siding compound meets or exceed the following requirements:

Tensile Strength (ASTM D638): 7000 psi
Modulus of Elasticity ASTM D638): 400,000 psi
Izod Impact @70° F (ASTM D 256): 4.20 lb./in. notch
Izod Impact @32° F (ASTM D 256): 2.40 lb./in. notch
Deflection Temperature with 264 psi load (ASTM D648): 175° F (79.4° C)

- Maxim Vinyl Siding meets or exceeds the following requirements:

- **Fire Resistance Properties:**

Average Time of Burning (ASTM D635) : <5 sec
Average Extent of Burning (ASTM D635) : <5 mm
Flame Spread Index (ASTM E84): 20
Smoke Developed Index (ASTM E84): 250
Fuel Contribution (ASTM E84): 0
Smoke Density (ASTM D2843) : <50%
Ignition Properties (ASTM D1929): Self ignition did not occur. At 824° F sample began to smolder and continued until consumed.

- **Typical Physical Properties:**

Warp (ASTM D3679) : <0.125 in
Heat Shrinkage (ASTM D3679) : <1.9%
Impact Resistance (ASTM D4226): 2.36 in/mil (Procedure A, H.25)
Weatherability (ASTM D3679): No surface or structural defects such as peeling, cracking, chipping.
Coefficient of Linear Expansion (ASTM D3679): 3.00×10^{-5} in/in °F / 5.10×10^{-5} cm/cm °C
Gloss (ASTM D3679): plus or minus 5 units
Surface Distortion (ASTM D3679): No distortion at 120°F
Windload Resistance (ASTM D5206): Wind speed up to 216 mph. Design Pressure up to -112 psf



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