
[Nano-PVDF Aluminium Composite Panel](#)

Specifications of Nano-PVDF aluminium composite panel

| | | | | | | | |
|---------------------|--------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| ALUWELL ® Nano | Width | 1000mm | 1220mm | 1250mm | 1500mm | 1575mm | 2000mm |
| 4mm / 5mm / 6mm | Length | 2000-6000mm | 2000-6000mm | 2000-6000mm | 2000-6000mm | 2000-6000mm | 2000-6000mm |
| Solid colors | <input type="checkbox"/> | ■ | ■ | ■ | ■ | ■ | - |
| Metallic colors | <input type="checkbox"/> | ■ | ■ | ■ | ■ | ■ | - |
| Sparkling colors | <input type="checkbox"/> | ■ | ■ | ■ | ■ | ■ | - |
| Wood designs | <input type="checkbox"/> | - | ■ | ■ | ■ | - | - |

Property comparison between Nano-PVDF coating and PVDF coating

| Coating Type | NANO Coating | PVDF Coating |
|----------------------|---|-------------------------|
| Paint Particle | 0.001micron-0.03micron | 0.3micron |
| Pollution Resistance | Dust hardly sticks on the panel | Dust sticks easily |
| Easy-cleaning | Dust goes away with bead | NIL |
| Friction Resistance | Over 10,000 times | Several thousands times |
| Acid Resistance | 5% HCl, 240 hrs | 24 hrs |
| Alkali Resistance | 5% NaOH, 240 hrs | 24 hrs |
| Oil Resistance | 20# machine oil, 240 hrs | 24 hrs |
| Weathering | Both paints have prominent feature of weather proofing and color retention. | |

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