

# SPECIO™

**PRISM**  
SPECIFICATIONS



**Built to last**  
**Designed to belong**

[Specio.com](https://specio.com)

# SPECIO™

## PRISM PANEL

Specio Prism panel is a high-performance collaborative panel system that can be configured both horizontally and vertically. Featuring a CeramicSteel surface and MDF core with painted edges, this modular system is versatile and easy to install with concealed mounting hardware.



|                    |                               |
|--------------------|-------------------------------|
| <b>Panel Face</b>  | Ceramic steel writing surface |
| <b>Panel Core</b>  | 9 mm MDF                      |
| <b>Panel Back</b>  | Galvanized steel              |
| <b>Edge Finish</b> | Drymarker ink impregnated     |
| <b>Glue</b>        | Hotmelt PUR                   |

## Dimensions

| Width   | Height  | Thickness | Weight  |
|---------|---------|-----------|---------|
| 900 mm  | 900 mm  | 10 mm     | 10,4 kg |
| 900 mm  | 1200 mm | 10 mm     | 13,8 kg |
| 900 mm  | 1800 mm | 10 mm     | 20,7 kg |
| 900 mm  | 2200 mm | 10 mm     | 25,3 kg |
| 900 mm  | 2800 mm | 10 mm     | 32,2 kg |
| 900 mm  | 3000 mm | 10 mm     | 34,6 kg |
| 1185 mm | 900 mm  | 10 mm     | 13,7 kg |
| 1185 mm | 1200 mm | 10 mm     | 18,4 kg |
| 1185 mm | 1800 mm | 10 mm     | 27,6 kg |
| 1185 mm | 2200 mm | 10 mm     | 33,8 kg |
| 1185 mm | 2800 mm | 10 mm     | 43,0 kg |
| 1185 mm | 3000 mm | 10 mm     | 46,1 kg |

All panels can be mounted in a horizontal and vertical composition

## Surface Color Options

| Color #              | Name          | Nearest NCS    | Nearest Pantone       | Nearest RAL    |
|----------------------|---------------|----------------|-----------------------|----------------|
| 9016M                | Traffic White | NCS S0500-N    | 705                   | RAL 9016       |
| 6137e <sup>3</sup> L | Ocean Haze    | NCS S2010-B50G | 5517 C                | -              |
| 6138e <sup>3</sup> L | Sage Whisper  | NCS S2005-G20Y | 5665 C                | RAL 9018, 7035 |
| 6139e <sup>3</sup> L | Frost Mist    | NCS S1002-B50G | 7541 C, Cool Grey 1 C | -              |
| 6140e <sup>3</sup> L | Desert Dune   | NCS S2010-Y50R | 481 C                 | -              |
| 6141e <sup>3</sup> L | Warm Dune     | NCS S2005-Y50R | 7528 C                | -              |
| 6142e <sup>3</sup> L | Sand Stone    | NCS S1002-Y50R | Warm Grey 1 C         | RAL 9001, 9002 |
| 6143e <sup>3</sup> L | Sage Stone    | NCS S3005-G20Y | 7537 C                | RAL 7038       |
| 6144e <sup>3</sup> L | Dune Pearl    | NCS S1005-G80Y | -                     | RAL 9001       |
| 6145e <sup>3</sup> L | Mist Veil     | NCS S0804-G20Y | 621 C                 | RAL 9003       |

## Surface Properties

| Properties         | Testing Standard         | Unit | Value                        |
|--------------------|--------------------------|------|------------------------------|
| Gloss              | ISO 2813 / ASTM D523 20° | GU   | 20 - 35                      |
| Color Tolerance    | ISO 7724 / ASTM D2244-02 | E94  | ≤ 1,5 (vs. reference sample) |
| Mohs Hardness      | EN 15771                 | -    | Min. 5                       |
| Scratch Resistance | EN 438; 2-6              | mm   | Min. 7                       |
| Pencil Hardness    | ASTM D-3363              | -    | ≥ 9H                         |
| Wear Resistance    | ASTM C501                | g    | ≤ 0,1 (S33 abrasive paper)   |
| Impact Resistance  | ISO 4532                 | -    | < 2mm (24h)                  |
| Adhesion           | EN 10209 Annex D         | -    | Min. Class 3                 |

## Surface Properties

| Properties                          | Testing Standard     | Unit | Value                                    |
|-------------------------------------|----------------------|------|--|
| Total Thickness<br>Topside Coating  | ISO 2178 / ASTM B499 | µm   | 85-120                                   |
| Steel Thickness                     | -                    | mm   | 0,35 ±0,03                               |
| Total Thickness<br>Backside Coating | ISO 2178 / ASTM B499 | µm   | 25-50                                    |
| Acid Resistance                     | ISO 28706-1-9        | -    | Min. A                                   |
| Chemical Resistance                 | ISO 28706-1-11       | -    | Min. A                                   |
| Graffiti Resistance                 | EN ISO 28762 – 9     | -    | No color of gloss changes after cleaning |
| Dry Erasability                     | PV 41.803            | E94  | ≤ 1,5                                    |
| Cleanability                        | EN ISO 28762 – 8.2   | E94  | ≤ 0,5                                    |

## Panel Properties

| Properties                  | Testing Standard          | Unit              | Value                                     |
|-----------------------------|---------------------------|-------------------|---|
| Panel Thickness             | EN 438; 2-5               | mm                | 10  |
| Panel Weight                | -                         | Kg/m <sup>2</sup> | 12,8                                      |
| Length Tolerance            | EN 438; 2-6               | mm                | ± 1                                       |
| Width Tolerance             | EN 438; 2-6               | mm                | ± 1                                       |
| Squareness                  | -                         | mm                | ± 1.5                                     |
| Fire Resistance             | EN 13501-1<br>ASTM E84-16 | -                 | TBD<br>Class A, 15/15                     |
| General Safety Requirements | EN 14434 – 6              | -                 | No risk of pinching/squeezing             |
| General Safety Requirements | EN 14434 - 6              | -                 | No small detachable parts                 |
| Sharp Edges                 | UL 1439                   | -                 | Smooth and round edges, no risk of injury |
| Enamel Chip off             | -                         | mm                | Max. 0,5                                  |
| Surface Deflection          | EN 14434 – 9.5            | mm                | Deformation under 50N load < 5 mm         |
| Flatness                    | -                         | -                 | 0,15%                                     |

## Edge Finish

| Edge Properties | Testing Standard | Unit | Value                                  |
|-----------------|------------------|------|--|
| Color Options   | -                | -    | Black                                  |
| Adhesion        | ISO 2409         | -    | Score 1                                |
| UV resistance   | ISO 4892-3       | E94  | <0,5 (no visible gloss & color change) |