

# TECHNICAL SPECIFICATIONS

## Barcelona SPC



### PRODUCT DETAILS

|                        |  |
|------------------------|--|
| Product Type           | Rigid Engineered Luxury Vinyl                      |
| Collection             | Barcelona SPC                                      |
| Construction           | Solid Vinyl Plank                                  |
| Classification         | ASTM F3261-Grade 1, Type A-Smooth, Type B-Embossed |
| Overall Thickness      | 4.8mm (0.1890")                                    |
| Wear Layer             | 12mil (0.30mm)                                     |
| Underlayment           | 1.5mm IXPE (0.0591")                               |
| Edge Profile           | Micro Bevel  |
| Surface Finish         | Ceramic Bead                                       |
| Embossing              | Photo Match Embossing                              |
| Edge Profile           | Easy-to-install with I4F Locking system            |
| Size                   | 7" W x 48" L (180x1220mm)                          |
| Square Feet Per Carton | 23.64 SQFT/CTN                                     |
| Pieces Per Carton      | 10 PIECES/CTN                                      |
| Weight Per Carton      | 14.70 KGS/CTN    32.41 LBS/CTN                     |
| Carton Per Pallet      | 65 CTNS/PLT  |
| Installation Method    | Floating/Glue Down                                 |

### TECHNICAL PROPERTY

|                                 |  |
|---------------------------------|--|
| Dimensional Stability           | ASTM F2199 - Passes - ≤0.2% / lineal ft. (305 mm)                    |
| Curling                         | ISO 23999 - Passes - ≤2mm  |
| Static Load                     | ASTM F970 - Passes - ≤0.005" (0.13mm) (without underlayer)           |
| Static Load Limit               | SIM Test - 1000 psi (0.02mm) (without underlayer)                    |
| Residual Indentation            | ASTM F1914 - Passes - Average: ≤0.007" (0.18mm) (without underlayer) |
| Resistance to Chemicals         | ASTM F925-Passes-No more than a slight change in surface             |
| Resistance to Heat              | ASTM F1514 - Passes - Average ΔE < 8.0                               |
| Resistance to Light             | ASTM F1515 - Passes - Average ΔE < 8.0                               |
| Critical Radiant Flux           | ASTM E648 - Passes - Class I: ≥ 0.45 W/Sq.cm                         |
| Smoke Density                   | ASTM E662 - Passes - Flaming & Non Flaming ≤ 450                     |
| VOCs/TVOCs, Formaldehyde        | CDPH/EHLB Method v1.2 Compliant                                      |
| Substances of Very High Concern | REACH SVHC 191 - Passes - Per Substance: ≤0.1% w/w                   |
| Heavy Metals                    | ASTM F963 - Passes   |
| Phthalates                      | ASTM D7823 - Passes - CPSC-CH-C1001-09.3                             |
| Slip Resistance                 | ASTM D2047- Dry: 0.38    Wet: 0.90                                   |
| Fungi Resistance                | ASTM G21-15 - Passes   |
| IIC Rating                      | ASTM E492 & ASTM E989 - Result: 66                                   |
| STC Rating                      | ASTM E90 & ASTM E413 - Result: 68                                    |

### SUSTAINABILITY

|                                   |                                |
|-----------------------------------|--------------------------------|
| Material                          | Virgin Vinyl                   |
| Certification                     | Floor Score® certified         |
| Environmental Product Declaration | EPD Vinyl Click                |
| Health Product Declaration        | HPD 2.1 Vinyl Click - 1000 ppm |

### SERVICE

|            |                           |
|------------|---------------------------|
| Warranties | Limited Lifetime Warranty |
|------------|---------------------------|



Catalonia  
SPC7005



Aragon  
SPC7006



Castile  
SPC7007



Casa Mila  
SPC7008



Mar Bella  
SPC7019



Santa Maria  
SPC7020

