

# TECHNICAL PROPERTIES & PRODUCT SPECIFICATIONS

**Product :** Luxury Vinyl Tiles  
**Series :** EUROPE SPC Rigid click



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## Product Range

| Article                              | Thickness               | Wear Layer | Dimensions       |
|--------------------------------------|-------------------------|------------|------------------|
| Luxury Vinyl Tiles - SPC Rigid click | 5.0 mm (4.0 + 1.0 IXPE) | 0.55 mm    | 180 mm × 1220 mm |

## Product Specifications

| No. | Performance                                        | Standard                       | Characteristics                                                                   |
|-----|----------------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------|
| 1   | Type & composition                                 | —                              | Laminated plastic composite floor covering                                        |
| 2   | Application                                        | —                              | Commercial, residential & industrial                                              |
| 3   | Surface treatment                                  | —                              | PU, depending on design                                                           |
| 4   | Profile                                            | —                              | 2G click with bevel, depending on design                                          |
| 5   | Joint system                                       | —                              | 2G/2G click system                                                                |
| 6   | Density                                            | —                              | 8100 kg/m <sup>3</sup> ± 10%                                                      |
| 7   | Plank dimensions                                   | ISO 24342 / ISO 24346          | Length: 1220 mm ± 0.5 mm<br>Width: 180 mm ± 0.1 mm<br>Thickness: 5.0 mm ± 0.15 mm |
| 8   | Wear layer thickness                               | ISO 24340                      | Thickness: 0.5 mm ± 0.03 mm                                                       |
| 9   | Height difference                                  | ISO 24337                      | Max.: ≤ 0.20 mm<br>Average gap opening (10 points): ≤ 0.15 mm                     |
| 10  | Flatness                                           | ISO 24337                      | ≤ 0.50 mm                                                                         |
| 11  | Squareness                                         | ISO 24342                      | ≤ 0.25 mm                                                                         |
| 12  | Straightness                                       | ISO 24342                      | ≤ 0.25 mm                                                                         |
| 13  | Dimensional stability - 80°C/6 h                   | ISO 23999                      | ≤ 0.25%                                                                           |
| 14  | Recovery after 23°C/6 h<br>Recovery after 80°C/6 h | ISO 23999                      | ≤ 0.50 mm<br>≤ 2.0 mm                                                             |
| 15  | Peel resistance                                    | ISO 24345                      | ≥ 60 N/5 cm                                                                       |
| 16  | Residual indentation                               | ISO 24343-1                    | ≤ 0.15 mm                                                                         |
| 17  | Locking system strength                            | ISO 24334                      | ≥ 80 N/5 cm                                                                       |
| 18  | Reaction to fire                                   | EN 13501-1                     | Bfl-S1                                                                            |
| 19  | Slip resistance                                    | BS 7976 / DIN 51130 / EN 13893 | Dry > 55; Wet > 40<br>R9<br>DS                                                    |
| 20  | Colour fastness                                    | ISO 105-B02                    | ≥ 6                                                                               |
| 21  | Static electrical propensity                       | EN 1815                        | < 2.0 kV                                                                          |
| 22  | Impact sound insulation                            | EN ISO 717-2                   | 18 dB                                                                             |
| 23  | Castor chair test                                  | ISO 4918                       | No change in appearance                                                           |
| 24  | Abrasion resistance                                | EN 660-2                       | < 0.015 g (Class T)                                                               |
| 25  | Chemical resistance                                | ISO 26987                      | Compliant - Class 0                                                               |
| 26  | Thermal resistance                                 | ISO 8302                       | 0.032 m <sup>2</sup> ·K/W                                                         |
| 27  | Heat resistance                                    | EN 12524                       | Max. 27°C (standard)                                                              |

| No. | Characteristic           | Standard     | Result                 |
|-----|--------------------------|--------------|------------------------|
| 28  | Formaldehyde emission    | ISO 16000-3  | E1                     |
| 29  | CE marking               | EN 14041     | Compliant              |
| 30  | Electrostatic properties | EN 1815      | Complies with standard |
| 32  | VOC emission class       | ISO 16000-9  | A+                     |
| 33  | REACH                    | 1907/2006/EC | Compliant              |