



# Waterproof Luxury Flooring

## Catalonia Tortosa

### Product Collection Data Sheet

#### Technical Specifications

##### **Indoor Air Quality (IAQ) Criteria**

- No orthophthalates are used in the making of this product.
- FloorScore® Certified

##### **Dimensions (nominal)**

- 12 mil High Performance Urethane Wear Layer
- 3/16" Overall Thickness including a 1mm Pad
- 7" Wide and 48" Long - Catalonia Collection
- 9-1/4" Wide and 60" Long - Tortosa Collection

##### **Construction**

- 100% Waterproof
- Top Layer - High Performance High Wear Urethane Top Coat
- 2nd Layer - Wear Resistant PVC Wear Layer
- 3rd Layer - Print Film
- 4th Layer - Rigid Core Middle Layer
- 5th Layer - 1mm IXPE Pad - High Density Polyethylene Foam
- 2G Valinge Locking T&G

##### **Finish Coatings**

- Painted Bevel side and end edges
- Wood grain surface texture and Embossed In Register
- UV-cured urethane based finishes with High Performance Coating Anti-Scratch Top Coats.

##### **Test Methods and Standards**

- ASTM F1914-07(2011) - Residual indentation - **0.5%**
- ASTM F2199-09(2014) - Dimensional Stability - **MD = -0.12% / AMD = -0.05%**
- ASTM F925-13 - Resistance to Chemicals - All Reagents = **0 reaction**
- ASTM D4060-14 - Abrasion (CS-17, 1000g, 1000rev) - Mass loss = **42.9 mg**
- NALFA LF 01-2011 Sec 3.5 - Large Ball Impact Resistance - **no cracking**
- NALFA LF 01-2011 Sec 3.9 - Castor Chair Resistance - **no visible damage** (25,000 rev)
- ASTM F970-17 - Static Load Resistance - **0.02 mm** (1000 psi)
- ASTM G21-15 - Resistance to Fungi - **No growth observed**
- ASTM C518-17 - Thermal Conductivity and Resistance - **0.130 W/m.k / 0.033 (m2.K)/W**
- ASTM D1028-07 - Coefficient of Friction - **Dry = 0.81 / Wet = 0.80**
- ASTM E90 - Airborne Sound Transmission Loss - **STC = 60**
- ASTM E492 - Impact Sound Transmission - **IIC = 67**
- ASTM E648 - Critical Radiant Flux = **1.08 watts/cm2 (Class 1)**
- Density = **2.01 g/cm3**

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