

ASTM-ANSI-EN Product Performance Test Grid – EVEREST XP DESIGNER PLUS

| Standard | Description | Test Result | Notes |
|--|---|---|--|
| ASTM E648 | Critical Radiant Flux | Average Critical Radiant Flux: 0.28 W/cm ² | (NFPA 101 Classification: Class 2) |
| ASTM E662 | Optical Density of Smoke | Pass ≤450 | |
| ASTM E84 | Surface Burning | Flame Spread Index: 60 Smoked-Developed Index: 155 | (ASTM E84 Class B) |
| AATCC 30-III (TM 30-III Aspergillus Niger)** | Antifungal Assessment and Mildew Resistance Test | Pass = Not supportive of fungal growth | |
| ANSI A137.1-2012 a DCOF AcuTest) *** | Coefficient of Friction (Floor Slip Resistance) | Average DCOF (wet): 0.60 | |
| ASTM F970 | Static Load Limit / Residual Indentation @ 250 PSI Static Load Limit / Residual Indentation @ 1000 PSI | 0.000 inch 0.005 inch | |
| ASTM D2394 | Falling Ball Indentation Test @ 72 Inches Drop | 0.008 inch = no Fracture of surface or interior material | |
| ASTM F1914 / ASTM F3261 | Short Term Indentation and Residual Indentation | Residual Indentation @ 75 lbs: 0.000 inch No puncture through wear layer / décor into core | |
| ASTM D1037 | Janka Hardness Modified | 1,408 lbf | |
| ASTM C518 | Thermal Resistance - Imperial Units Thermal Resistance - SI Units | 0.680 °F·ft ² h/BTU 0.01198 (m ² K)/W | |
| ASTM F925 | Resistance to Chemicals | 0 = No Change | |
| ASTM F1515 | Resistance to Light | E ≤ 8 | (Test result after 300 hours exposure) |
| ASTM E492-09 (2016) E1 / ASTM E989 - 18 | Impact Insulation Class | IIC 74 | |
| ASTM E90-09 (2016) / ASTM E413 - 10 | Sound Transmission Coefficient | STC 64 | |
| EN 14534 | Resistance to Abrasion | > 6,000 revolutions | |