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# Centurion – Technical Data

| Criteria | Test | Result |
|---|---|---|
| Manufacturing Process | DIN 61151 | Tufted |
| Surface Aspect | ISO 2424 | 5/32" cut pile |
| Fiber | CEE 83/623 | 100% BCF nylon (33% recycled yams) |
| Primary Backing | ISO 2424 | Colbac non woven polyester |
| Secondary Backing | ISO 2424 | Comfort vinyl |
| Pile Height (±0.5mm) | ISO 1765 | .27 inch |
| Total Height (±7.5%) | ISO 1765 | .38 inch |
| Pile Height (±7.5%) | ISO 8543 | 24.2 oz/yd$^2$ |
| Width (±2%) | ISO 3018 | 6'7" only |
| Custom | -- | Special sizes, finished, and logo mats |
| Dimensional Stability | ISO 2551 | Max. ≤2mm |
| Walk on Test | ISO TR 6356 | >2kV |
| Electrical Resistivity | ISO 10965 | Pass, for R.H. ≥40% |
| Sound Insulation | ISO 140-8 | Lw = 32dB |
| Static electric charging | ISO 6356 | Permanently anti-static |
| Thermal Retention | ISO 11092 | 0.10m K/W Pass |
| Color Fastness – Light | ISO 105 B02 | 6-7 (Max = 8) |
| Color Fastness – Water | ISO 105 E01 | 5 (Max = 5) |
| Color Fastness – Salt Water | ISO 105 E02 | 4-5 (Max = 5) |
| Color Fastness – Rubbing | ISO 105X12 | 4-5 (Max = 5) |
| Radiant Panel Test | ASTM E648 / DIN 4102 | Class 1 |
| Smoke Density | ASTM E662 | Passes |
| Smoke Flammability | FF 1-70 / ASTM D2859 | Passes |
| MR Credit 4 | LEED-NC v.3 for 1-2 points: $ value of all | 33$ recycled content |
| IEQ Credit 4.1 | LEED-NC V.3 for 1 point: low-emitting adhesive with a VOC of 50 g/l or less for indoor releasable carpet adhesive | Releasable VOC 0 g/l |
| IEQ Credit 5 | LEED-NC v.3 for 1 point: semi-permanently installed entrance system at least 10' in length and maintained on a weekly basis | This carpet is a semi-permanent installation |