

| PHYSICAL PROPERTIES | | |
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| Feature | *Bio-Guard | *Bio-Quartz |
| a. Physical Data | No | No |
| b. Textures: ADA & OSHA Compliant | Yes | Yes |
| c. Aggregate | Granite / Marble | Quartz |
| d. Antimicrobial | Yes/ Non-toxic and EPA registered safe for contact with the skin | |
| e. Weight Mil-D-24613 Par. 4.8.2. | 1.7 Lb./SF | 1.3 Lb./SF |
| f. Compression Strength ASTM D-695 | 11,000 psi | 9,000 psi |
| g. Tensile Properties ASTM D-638 | 1750 psi | 1750 psi |
| h. Modulus of Elasticity ASTM D-638 | 15,500 psi | 15,500 psi |
| i. Elongation at Break ASTM D-638 | 28% | 28% |
| j. Bond Strength ACI - 403 | Concrete fails before bond | Concrete fails before bond |
| k. Impact Resistance ASTM D-2794-90 | 304 IN/LB | 240 IN/LB |
| l. Indention MIL-D-24613 | Passed | Passed |
| m. Coefficient of Friction ASTM C-1028 | Neolite Dry > .78, Wet > .73 | Neolite Dry > .78, Wet > .73 |
| n. Coefficient of Friction ASTM D-2047 | Leather Dry > .83, Wet > 1.08 | Leather Dry > .83, Wet > 1.08 |
| o. Elevated Temp MIL-D-24613 | No Effect | No Effect |
| p. Moist. & Temp. Chg. MIL-D-24613 | No Effect | No Effect |
| q. Water Absorption ASTM D-570 | .25% by weight | .25% by weight |
| r. Water Vapor Trans. ASTM E-96 Proc. A | .115 Grains /Hr-Ft squared | .115 Grains /Hr-Ft squared |
| s. Composition | 100% Solids Epoxy | 100% Solids Epoxy |
| t. VOC Compliant, Odorless | Yes | Yes |
| u. Chemical Resistant ASTM D-1308 | Yes | Yes |
| v. Seamless, Monolithic System | Yes | Yes |
| w. Color Selection | 24 Std. | 18 Std. |

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| | | w/Custom Blends |
| Palace Guard Inc. | | |