



Photo: King George Photography

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| <b>Industry:</b> Exterior                         |
| <b>Project Name:</b> Garden Workspace of Tomorrow |
| <b>Location:</b> Chelsea, England                 |
| <b>Designer:</b> Patricia Fox                     |
| <b>Materials:</b> PlybooDEX™ Bamboo Decking       |



Aralia Garden Design has come up with a first for Chelsea this year using urban rooftop space. Incorporating the highest quality plants and materials, 'Rooftop Workplace of Tomorrow' is an extension of the working office.

With sustainability and ease of maintenance at the forefront of this concept, Patricia chose to include Dex™ decking by Smith Fong Bamboo – 100% rapidly renewable Moso Bamboo, lightweight and durable, Dex™ decking is simple to install and is held tight using Dex deck clips, with no drilling required.



PlybooDEX Ebony  
Bamboo Decking  
SD-4396DX-1



**Possible LEED Credits:**

IEQc4.3: Low Emitting Materials  
 MRc6: Rapidly Renewable Materials  
 MRc7: Certified Wood  
 CA Section 01350: Passed  
 Other: No added urea formaldehyde

**PlybooDEX Ebony Bamboo Decking**  
 SD-4396DX-1

| Physical / Mechanical Properties - PlybooDEX Decking   |  |
|--|--|
| Dimensions:  | 3/4" x 5 1/2" x 96'<br>19mm x mm x 2438mm  |
| Installation:  | Deck fasteners   |
| ASTM E648: Critical Radiant Flux,                      | Class 1  |
| ASTM D1037 Dimensional Stability:                      | <ul style="list-style-type: none"> <li>Linear Expansion: Parallel -0.02%, Perpendicular -0.23%</li> <li>Thickness Swell: -0.25%</li> </ul> Hardness (Janka Ball Test): 3,500 lbf (avg) |
| ASTM D2394: Coefficient of Friction                    | Static Coefficient / Dynamic (Sliding) Coefficient: 0.562 / 0.497  |
| ASTM D3359: Adhesion by Tape Test                      | Class 4B   |
| ASTM D4060: Taber Abrasion                             | 22,500 cycles average  |
| ASTM: 4442: Moisture Content                           | 6-9% average   |
| ASTM D5116-06: Organic Emissions<br>[CA Section 01350] | Classroom scenario / Office scenario: Pass / Pass  |