WPC Features

In general, composite decking is manufactured from wood fiber and plastic to form a plank that requires less maintenance and typically has a longer lifespan than natural wood decking. No benzene, no formaldehyde, 100% eco-friendly. It has the wooden grain as well as the natural wood, making the people into the feeling of natural.
Outdoor Deck

QZ-11A (140X25mm)  
QZ-11A (140X25mm)  
QZ-11A (140X25mm)  
QZ-11A (140X25mm)  
QZ-02A (150X25mm)  
QZ-02A (150X25mm)  
QZ-02A (150X25mm)  
QZ-02A (150X25mm)  
QZ-22AG (100X25mm)  
QZ-25AG (120X20mm)  
QZ-26A (135X25mm)  
QZ-26B (135X25mm)  
QZ-27A (138X2mm)  
QZ-03AG (140X23mm)  
QZ-03B (140X23mm)  
QZ-03C (140X23mm)  
QZ-28A (140X25mm)  
QZ-28B (140X25mm)  
QZ-28C (140X25mm)  
QZ-19A (145X25mm)  
QZ-19A (146X19mm)  
QZ-21A (146X21mm)  
QZ-01A (146X30mm)  
QZ-17A (150X22mm)  
QZ-02A (150X25mm)  
QZ-02B (150X25mm)  
QZ-02C (150X25mm)  
QZ-02D (150X25mm)
Outdoor Deck Project

Project: Hongkong Henderson Land Development
Industry: GROUP PROJECT
Application scope: decking
Profile: Outdoor Decking QZ01A

Application Introduction:
HongKong Henderson Land group is leadership position of real estate development group. Business develop to Hongkong and China. This time they choose our outdoor WPC decking QZ01A building balcony and patio. Wpc decking waterproof, moisture proof. 100% Eco-friendly. Make the person into the feeling of nature.

Outdoor Deck Project
Project: Amarrage Marin
Industry: Government’s marin project
Application scope: decking
Profile: Outdoor Decking QZ11A

Application Introduction:
Government’s Maritime Bureau want to build a dock for berthing, because of the wpc decking is a kind of new high environmental materials, water-proof, moisture-proof, no cracking and swelling. 100% Eco-friendly; after comparing with the natural wood, they finally decided to use the wpc decking for the project.
Installation Method
Outdoor Wall Panel

Item no. QZW005G (156x21 mm)
Length: 2.9Meters
Location: Spain

Installation process: Clean the wall—Leveling—fix the keels—fix the wall panel into keels—put the accessories of wall panel—cover the edge—cleaning—quality inspection.

Note: Because of deviation caused by shoting and printing, the real color has some differences with the photo, all customers should take the color of real product as the final one.
DIY Deck

QZD-01A
300mm*300mm

QZD-01E
300mm*300mm

QZD-01G
300mm*300mm

QZD-01H
300mm*300mm

DIY Deck Project

QZD-01J
300mm*300mm

QZD-01K
300mm*300mm

QZD-01L
300mm*300mm

QZD-01M
300mm*600mm
Landscape Products

WPC Bench

WPC Bench

WPC Bench

WPC Bench

WPC FlowerBox

WPC FlowerBox

WPC FlowerBox

WPC FlowerBox

WPC Dustbin

WPC Dustbin

WPC Dustbin

WPC Dustbin

WPC Pavilion

WPC Pavilion

WPC Pavilion

WPC Pavilion

WPC Pergola

WPC Pergola

WPC Pergola

WPC Pergola
## Timber and WPC decking boards in comparison

<table>
<thead>
<tr>
<th>Properties</th>
<th>Timber boards</th>
<th>WPC boards</th>
</tr>
</thead>
<tbody>
<tr>
<td>Life span</td>
<td>3 - 5 years</td>
<td>20-25 years</td>
</tr>
<tr>
<td>Care and maintenance</td>
<td>Regular painting and oiling of the boards or even replacement is necessary</td>
<td>Minimal care, maintenance-free</td>
</tr>
<tr>
<td>Resistance to weathering</td>
<td>- Absorb moisture</td>
<td>- Resistant to weathering and temperature fluctuations</td>
</tr>
<tr>
<td></td>
<td>- Can rot without regular maintenance</td>
<td>- Almost indestructible</td>
</tr>
<tr>
<td></td>
<td>- Can crack and splinter</td>
<td>- Do not crack or splinter</td>
</tr>
<tr>
<td></td>
<td>- Swell and shrink in accordance with weather conditions</td>
<td>- Retain their form and are durable</td>
</tr>
<tr>
<td>Colourfastness</td>
<td>Go grey due to lack of UV resistance</td>
<td>Good UV resistance, good colourfastness</td>
</tr>
<tr>
<td>Appearance</td>
<td>Visible screw fastenings</td>
<td>No visible screw fastenings, invisible mountings</td>
</tr>
<tr>
<td>Environmental aspects</td>
<td>Trees felled to provide the necessary timber</td>
<td>Use of wood residue from the timber-processing industry</td>
</tr>
</tbody>
</table>
Technical Information


<table>
<thead>
<tr>
<th>Test Items</th>
<th>Requirement</th>
<th>Test Results</th>
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<th>Requirement</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water Content (%)</td>
<td>≤2</td>
<td>0.4</td>
<td>Hammer falling impact in low</td>
<td>≤1</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Temperature, broken pcs</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Radweld Hardness (HRR)</td>
<td>≥58</td>
<td>68</td>
<td>State After Heating</td>
<td>±2.5</td>
<td>-0.5</td>
</tr>
<tr>
<td>Water Absorption Thickness Swell (%)</td>
<td>≤1</td>
<td>0.2</td>
<td>Length Change Rate Repeating</td>
<td>±0.2</td>
<td>-0.2</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>High And Low Temperature</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Static Bending Strength (mpa)</td>
<td>≥20</td>
<td>24</td>
<td>Screw Holding Capacity</td>
<td>≥800</td>
<td>1251</td>
</tr>
<tr>
<td>Bending Elastic Modulus (mpa)</td>
<td>≥1800</td>
<td>2565</td>
<td>State After Heating</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Abrasion Resistance (gr/100r)</td>
<td>≤0.08</td>
<td>0.08</td>
<td>No Bubbles, cracks And Pockmarks</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>