

# COMPOSITE DECKING AND OUTDOOR WALL CLADDING

For **Humming PVC Ltd.**, which manufactures **Composite Decking** and **Outdoor Wall Cladding** boards for construction, particularly for use as flooring or wall cladding outdoors, the features and specifications might include:

## Features:

- 1. Weather Resistance:**
  - Designed to withstand outdoor conditions, including exposure to rain, sun, and varying temperatures without warping or degrading.
- 2. Durability:**
  - High resistance to impact, scratching, and general wear and tear, making it suitable for high-traffic areas.
- 3. Low Maintenance:**
  - Requires minimal upkeep compared to traditional wood; does not need sealing, staining, or painting.
- 4. Eco-Friendly:**
  - Made from recycled wood fibers and plastic, offering a more sustainable alternative to traditional timber.
- 5. Anti-Slip Surface:**
  - Textured surface or slip-resistant properties to enhance safety, especially in wet conditions.
- 6. Termite and Pest Resistant:**
  - Impervious to termites and other pests that typically damage wood products.

## Specifications:

- 1. Material Composition:**
  - Made from a blend of wood fibers (such as sawdust or wood shavings) and plastic (such as recycled **PVC or polyethylene**), combined with additives to enhance performance.
- 2. Dimensions:**
  - **Thickness:** Typically ranges from **15mm to 25mm**.
  - **Width:** Common widths range from **100mm to 200mm**.
  - **Length:** Standard lengths are often between **2400mm and 3000mm**, with custom lengths available.
- 3. Density:**
  - Generally between **1.20 to 1.40 g/cm<sup>3</sup>**, depending on the specific formulation.
- 4. Color Options:**
  - Available in a variety of colors and finishes, including wood grain patterns, to mimic the appearance of natural wood or provide a uniform look.
- 5. Fire Resistance:**
  - Complies with fire safety standards, typically rated as Class 1 or Class 2 for flame spread and smoke development.
- 6. Surface Finish:**
  - Options include smooth, embossed, or textured surfaces to suit different aesthetic and functional requirements.
- 7. Thermal Properties:**
  - **Thermal Conductivity:** Approximately **0.15 W/m·K**.
  - **Temperature Tolerance:** Typically withstands temperatures from **-20°C to +60°C**.

