BLOCK BOARDS.

Features:

1. Water Resistance:
 - Superior resistance to moisture and water, making them ideal for environments with high humidity or direct water exposure.

2. Durability:
 - Highly durable and resistant to physical damage, including impact, scratching, and denting.

3. Corrosion Resistance:
 - Non-corrosive and resistant to chemicals, salts, and other environmental factors.

4. Lightweight:
 - Lightweight compared to traditional materials like wood, which simplifies handling and installation.

5. **Low Maintenance:
 - Easy to clean and maintain; does not require regular sealing or painting.

6. Thermal Insulation:
 - Good thermal insulation properties, helping to maintain temperature control.

7. Easy Fabrication:
 - Simple to cut, shape, and fabricate using standard tools, allowing for versatile applications.

Specifications:

1***Material Composition:**
 - Made from high-density **PVC (Polyvinyl Chloride)** with additives to enhance strength, flexibility, and durability.

2. Dimensions:
 - **Thickness:** Typically ranges from **12mm to 25mm.**
 - **Width:** Common widths are **1220mm and 2440mm.**
 - **Length:** Standard lengths usually range from **2440mm to 3050mm**, with custom sizes available upon request.

3. Density:
 - Approximately 1**.40-1.60 g/cm³,** depending on the formulation and intended use.

4. **Color Options:**
 - Available in a range of colors, including neutral tones (white, grey) and custom colors as per client specifications.

5. **Fire Resistance:**
 - Meets fire safety standards, often classified as Class 1 or Class 2 based on national and international regulations.

6. **Surface Finish:**
 - Can be smooth, textured, or patterned according to application needs.

7. **Thermal Properties:**
 - **Thermal Conductivity:** Approximately 0**.14 W/m·K.**
 - **Temperature Tolerance:** Typically withstands temperatures ranging from -**40°C to +70°C.**

8. **Impact Resistance:**
 - High impact resistance, designed to absorb shocks and resist damage from heavy loads or impacts.

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