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## CALCIUM SILICATE VINYL TILES DATA SHEET

CPW – Ceiling and Partition Warehouse is a company that prides itself on superior quality products and customer service. The Calcium Silicate tiles that we supply are no exception with easy to clean vinyl covering and the durability you would expect from a calcium silicate tile to ensure that all your ceiling requirements are met.

**Specification:**

Dimensions:	593X593mm and 593X1193mm
Thickness:	6mm
Facing:	White Vinyl
Edges:	Cut
Backing:	None
Weight:	Approximately 6kg/m <sup>2</sup>
Squareness:	Maximum 2mm Difference
Appearance:	Surface clean, no delamination, grooves or bubbles
Position:	Vinyl to be a maximum of 2mm from edge of board
Edges:	No broken corners
Density:	1.0 – 1.3g/cm <sup>3</sup>
Moisture Content:	10%
Thermal Conductivity:	0.20W/MK average

**Composition:**

Calcium Silicate (Ca<sub>2</sub>SiO<sub>4</sub>), cellulose fibres and additional nominal amounts of additives with vinyl laminated to face.

**Laboratory Tests:**

Non combustibility found:	conforms to BS 476: Part 4: 1970.
Radioactivity:	conforms to GB6566-2001A Class

**Hazards:**

These products are defined as non-hazardous.

**Supporting Structure:**

To ensure a high quality of finish, it is essential that the supporting structure is accurate and sound. Additional supports are required at positions of light fittings. Air conditioners/ventilating equipment must not be supported from ceiling grid and must have their own independent support.

**Advantages:**

- Environmentally friendly.
- Minimal dust with cutting.
- Very durable and resistant to cracking.
- Fire resistant.
- Damp proof.
- Hygienic and easy to clean.

**Handling and storage:**

Although Calcium Silicate Vinyl Tiles are robust, care should be taken not to damage the tiles through rough handling or impact. Vinyl ceiling tiles should be stored in a dry area off the ground. The stacks must be packed on suitable timber supports, maximum 400mm apart.

A level, clean and dry storage area must be made available.

Special care should be taken to ensure that the vinyl finish is not soiled or damaged during handling.

Tiles can be cleaned of dust marks with a mild detergent if necessary.