

## 1. Material description and composition

**Wetwall™ Tile Collection** can be used in combination for wall cladding a wide variety of bathroom design layouts.

The 3mm thick panel system is a compact high-pressure laminate and is 100% water resistant, when installed following manufacturers guidelines and using the recommended adhesives and sealants.

For use in moist environments, this material evidence's good dimensional stability and is not susceptible to decay, rotting and other degeneration processes.

## 2. Types

**Finishes:** Various decors – Please refer to Product brochure

**Textures:** Various textures – Please refer to Product brochure

## 3. Technical data

DIMENSIONAL PROPERTIES		STRUCTURE	
<b>Dimensions</b>	2400 mm x 1200 mm 2400 mm x 600 mm	1	<b>Décor side/Front face:</b> Decorative compact high-pressure laminate
<b>Panel thickness</b>	3 mm nominal $\pm$ 0.3 mm		
<b>Tolerances:</b>	<b>Length:</b> + 0.10mm / - 0	2	<b>Core:</b> Compact high-pressure laminate
	<b>Width:</b> + 0.10mm / - 0		
	<b>Edge straightness:</b> $\pm$ 1.5 mm/m		
	<b>Squareness:</b> $\pm$ 1.5 mm/m		
	<b>Flatness:</b> $\leq$ 8 mm/m		

MECHANICAL PROPERTIES			
	STANDARDS TESTING METHOD	UNIT	MINIMUM REQUIREMENT
Weight		kg/m <sup>2</sup>	8.54
Density	EN ISO 1183	gm/cm <sup>3</sup>	$\geq$ 1,35
Impact resistance (Large diameter ball) (Drop height for $\leq$ 10mm diameter imprint)	EN 438-2.21	mm	$\geq$ 1800
Resistance to immersion in boiling water Gloss Finish Other finishes	EN 438-2.12	Rating	$\geq$ 3 $\geq$ 4
Resistance to dry heat (180°C) Gloss Finish Other finishes	EN 438-2.16	Rating	$\geq$ 3 $\geq$ 4
SURFACE PROPERTIES			
Resistance to surface wear	EN 438-2.10	Revolutions	Unicolour - $\geq$ 150 Printed Décor - $\geq$ 125
Resistance to Crazing	EN 438-2.24	Rating	$\geq$ 4

Resistance to scratching Smooth Finishes Textured finishes	EN 438-2.25	Rating	≥ 2 ≥ 3
Resistance to staining Appearance - Group 1 & 2 Appearance - Group 3	EN 438-2.26	Rating	≥ 5 ≥ 4
Colour fastness under artificial light	EN 438-2.27	Grey scale rating	4 to 5
<b>HEALTH AND ENVIRONMENTAL CHARACTERISTICS</b>			
Release of Formaldehyde	EN 438-7.4.11.1	Rating	E1
Fire Reaction Classification	EN 135 01	Rating	B - s2, d0

## 4. Practical advice on the use of Wetwall™ Tile Collection

### 4.1 General

**Wetwall™ Tile Collection** are designed with decorative and functional properties for interior applications in wet areas such as bathrooms, showers, and behind handwash basins and WCs in residential areas.

**Wetwall™ Tile Collection** must only be used indoors in normal conditions (18-25°C / 50-65% relative humidity).

The installation of **Wetwall™ Tile Collection** is covered by specific installation instructions and guidelines. Installation instructions are packed with every panel and are available at our website [www.wetwall.co.uk](http://www.wetwall.co.uk)

The panels must always be installed using **Wetwall™** approved adhesives and coloured sealants. The bonding side of **Wetwall™ Tile Collection**, designed for gluing on wall substrates should be clean, dry, and free of dust, oil, and grease.

The bonding to preliminary wall treatments is dependent on the type of treatment; always fully observe the instructions for use issued by the treatment manufacturer before applying **Wetwall™ Tile Collection**

### 4.2 Storage and transportation

**Wetwall™ Tile Collection** must be stored on a horizontal, flat, level and sufficiently large base in a closed warehouse under normal indoor climatic conditions (18-25°C and 50-65% relative humidity). In medium term storage the panels should always be covered and weighted, for example with a 38mm particle board panel. In addition, the panels should be protected from moisture and mechanical damage.

**Wetwall™ Tile Collection** should be transported on a horizontal, flat, level and sufficiently large base board with protection against slippage and side damage. In addition, the panels should be protected from moisture and mechanical damage.

In terms of transportation conditions **Wetwall™ Tile Collection** are not deemed to be dangerous goods, so labelling is not necessary.

### 4.3 Conditioning

Before installing the panels should be stored for 24 hours at normal indoor temperature. (18 – 25°C; relative humidity 50-65%). These conditions should then be maintained in the room post installation and until the room is commissioned.

### 4.4 Wall substrate

Walls must be dry, clean, stable, and flat.

**Wetwall™ Tile Collection** can be bonded to various types of plaster, gypsum and cement, plasterboard and gypsum, fibreboard, various types of wood-based panels such as particleboard, MDF and OSB.

On ceramic surfaces: clean thoroughly and key the surface before applying the panels.

**Wetwall™ Tile Collection** are not intended to carry the weight of bathroom fittings, fittings, or accessories. Always ensure these items are fixed through the panel and the weight carried by the wall structure.

More detailed information for use of **Wetwall™ Tile Collection** can be found in the installation instructions available packed with every panel or at [www.wetwall.co.uk](http://www.wetwall.co.uk)

## 4.5 Maintenance, Care and Cleaning

**Wetwall™** Panels are robust and do not require special care thanks to the non-porous surface.

**Wetwall™ Tile Collection** are easy to maintain. On a day-to-day basis wipe them down with a moist cloth and a mild detergent.

Use only clean, soft cloths, soft sponges, or soft brushes to clean the panels.

Do not apply waxes or polishing agents.

Do not use abrasive cleaners, strongly acid cleaners, or strong bleaches.

Limescale can be removed with a warm solution of 10% acetic or citric acid. Followed by clean warm water.

Never use high pressure cleaners and steam cleaners.

## 4.6 Environmental and Health Aspects in Use

Observe normal health and safety rules when processing the panels in terms of weight, dust, and sharp edges. The dust produced when processing **Wetwall™ Tile Collection** can cause skin and respiratory irritation. Therefore, ensure that a dust extractor is used for all cutting operations and wear appropriate PPE.

## 4.7 Waste disposal

**Wetwall™ Tile Collection** waste is classified in accordance with the regulation of the European Waste Catalogue (EWC) to the six-digit waste code EWC 200 301 and the waste definition "mixed waste" and may be disposed of as domestic waste or commercial waste.

All the information contained in this product data sheet is based on the latest technological know-how but does not constitute a guarantee. Indeed, we assume no guarantee of suitability for specific areas or purposes of application.