



JohnsonTILES

**JOHNSON TILES | WHAT YOU NEED  
TO KNOW ABOUT TILES**

# What you need to know about tiles

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## Wall Tiles

Wall tiles are designed specifically to go on the wall. This is reflected in the way they are made. The base of the tile is referred to as the **biscuit or body**. The biscuit of a wall tile is lighter, thinner and less dense than a floor tile. The coating or surface of a wall tile is called the **glaze**. This is softer and less able to bear weight making them unsuitable for the floor.

## Floor Tiles

The biscuit of a floor tile is denser than that of a wall. They are generally heavier to hold and have stronger glazed or polished surface that can take heavy traffic. All floor tiles can be used on the wall. Often people will use the same tile for wall and floor application. If it's good for the floor, it's good for the wall.

## Cushioned Tiles and Rectified Tiles

The terms 'cushioned' and 'rectified' simply refer to the edges of the tile. **Cushioned Tiles** have a smooth, rounded off edge whilst **Rectified Tiles** have a straight edge that is squared off at a 90 degree angle. The benefit of rectified tiles, allows the tiles to be laid close together to create a smooth seamless finish with reduced grout lines whereas the cushioned edge give a more traditional finish.

## Mosaic Tiles

Mosaic tiles are typically a small format tile on a netted sheet. They can be made from Ceramic, Glass, Stone, Porcelain and Metal.

Mosaics are extremely effective in creating features in the home. They can be used on entire walls as feature strips and make stunning splash backs.

## The difference between Ceramic and Porcelain Tiles

The difference between porcelain and ceramic tiles lies in their genetic makeup.

Ceramic tiles are made using natural red, brown or white clay, baked at high temperatures to reduce water content, and then the patterned glaze is applied.

Porcelain tiles are produced in much the same way, except using only white clay, finely-ground sand and feldspar is also added into the clay mixture. These are then fired at higher temperatures than ceramic tiles. The result is a harder, denser tile.

## What is Mosaic and Mosaicing?

"Mosaic "originates from an old Italian word "mosaico" which means a picture or pattern produced by arranging together small pieces of stone, tile, glass, etc. Mosaicing is the process of assembling a series of images and joining them together to form a continuous seamless photographic representation of the image surface. The result is an image with a field of view greater than that of a single image.



## Spectrum Coloured Tiles

Motivated by our long run of success with the **Prismatic** range, we have taken the lead from our forefathers and are excited to have our very own spectacular **Spectrum** range.

Featuring the same colours that you know and love, embrace the flexibility and aim for maximum impact with vibrant coloured tiles or strive for contrast with elegant highlights. With its wide array of colours to choose from, **Spectrum** can do it all for your mosaicking.

