

I'm back with a request from a customer asking for some clarification on Lippage, Warpage, grout joints etc.

As you can imagine, one "Porcelain Jungle Post It" slide can't possibly give you An exhaustive explanation of all these subjects, beside that I'm not an installer, Inspector or by all means expert on these subjects, so pls. forgive me if I have Oversimplified these slide.

I hope the main concepts will reach you and are clear enough, if you wish to get Additional information, pls. refer to industry standards mentioned on the slide I've also added a link below which I found extremely helpful.

Charts on the "Porcelain Jungle Post It" are represented here since not very visible And you can also find them in the link below.

Before I leave you I would love to always recommend the use of Tiles leveling systems Especially when dealing with large/flexible formats, they are "life savers"...

Lippage Chart

Tile Type	Tile Size	Joint Width	Allowable Lippage
Glazed Wall / Mosaics	1" x 1" to 6" x 6" (25 x 25mm to 150 x 150mm)	1/16" (1.5mm) to 1/8" (3mm)	1/32" (0.8mm)
Quarry	6" x 6" (150 x 150mm) to 8" x 8" (200 x 200mm)	1/4" (6mm) or greater	1/16" (1.5mm)
Paver	All	1/16" to less than 1/4" (3mm to 6mm)	1/32" (0.8mm)
Paver	All	1/4" (6mm) or greater	1/16" (1.5mm)
Gauged Porcelain Tiles (GPT and GPT Panels/Slabs	All	All	1/32" (0.8mm)

Warpage Chart

Tile Type	Warpage Edge Minimum	Warpage Edge Maximum	Warpage Diagonal Minimum	Warpage Diagonal Maximum
Mosaic	-1.00%	1.00%	-0.75%	0.75%
Quarry	-1.50% or -0.18" (-4.6mm) [†]	1.50% or 0.18" (4.6mm) [†]	-1.00% or -0.17" (-4.3mm) [†]	1.00% or 0.17" (4.3mm) [†]
Glazed Wall Tile ≥ 6" (Calibrated)	-0.30% or -0.04" (-1.0mm) [†]	0.40% or 0.05" (1.3mm) [†]	-0.30% or -0.05" (-1.3mm) [†]	0.40% or 0.07" (1.8mm) [†]
Glazed Wall Tile ≥ 6" (Rectified)	-0.30% or -0.04" (-1.0mm) [†]	0.40% or 0.05" (1.3mm) [†]	-0.30% or -0.05" (-1.3mm) [†]	0.40% or 0.07" (1.8mm) [†]
Pressed Floor Tile (Natural)	-1.00% or -0.12" (-3.1mm) [†]	1.00% or 0.12" (3.1mm) [†]	-0.75% or -0.13" (-3.3mm) [†]	0.75% or 0.13" (3.3mm) [†]
Pressed Floor Tile ≥ 6" (Calibrated)	-0.5% or -0.08" (-2.0mm) [†]	0.5% or 0.08" (2.0mm) [†]	-0.50% or -0.08" (-2.0mm) [†]	0.50% or 0.08" (2.0mm) [†]
Pressed Floor Tile ≥ 6" (Rectified)	-0.40% or -0.05" (-1.3mm) [†]	0.40% or 0.05" (1.3mm) [†]	-0.40% or -0.07" (-1.8mm) [†]	0.40% or 0.07" (1.8mm) [†]
Porcelain Tile ≥ 6" (Calibrated)	-0.5% or -0.08" (-2.0mm) [†]	0.5% or 0.08" (2.0mm) [†]	-0.50% or -0.08" (-2.0mm) [†]	0.50% or 0.08" (2.0mm) [†]
Porcelain Tile ≤ 6" (Rectified)	-0.024% or -0.05" (-0.6mm) [†]	0.024% or 0.05" (0.6mm) [†]	-0.024% or -0.05" (-0.6mm) [†]	0.024% or 0.05" (0.6mm) [†]
Porcelain Tile ≥ 6" (Rectified)	-0.40% or -0.05" (-1.3mm) [†]	0.40% or 0.05" (1.3mm) [†]	-0.40% or -0.07" (-1.8mm) [†]	0.40% or 0.07" (1.8mm) [†]

<https://cdn.laticrete.com/~media/support-and-downloads/technical-datasheets/tds164.ashx>

Thank you and best regards.

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