

laguna

product data

laguna tile has an off-form surface that is inherently durable and wear-resistant. ideal for high-traffic commercial interior flooring and stairs. naturally slip-resistant and low-maintenance.

test results

slip (astm c-1028)	0.85 dry / 0.88 wet
slip (AS/NZS 4586)	BPN: 36, Class: X, R10 (HB-197 equiv.)
compressive:	60MPa
tensile:	9.6MPa

technical summary

weight (kg/m2):	10mm = 25
	15mm = 38
	20mm = 50
	25mm = 63
size/rectangularity:	± 0.75mm
thickness:	± 2mm
max curvature:	± 0.5 percent of max tile length

installation

substrate:	level cured to max 5.5 percent moisture
adhesive:	mapei granirapid
min grout joint:	± 0.5 percent of max tile length
expansion joints:	6m max interval
process:	thinset installation backbutter
clean:	scrub with floor machine use htc twister™ pad (white) neutral detergent (non acidic)
harden:	CC Hardener
protect:	CC Protector 3M White pad to buff
maintain:	CC Maintenance Detergent



contact our technical team for assistance related to your specific installation. we also offer hardener, protector, buffing pads in an effort to streamline your procurement process and better support your project.

using our specification recommendations ensures the best outcome for your project.

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installation and finishing

1 - handling & storage

- handle your consignment with care
- inspect product carefully
- store crates indoors
- two crate maximum height
- acclimate tiles to final installation environment for 48 hours

2 - preparation

- substrate to be leveled to 3mm over 3m
- clean all adhesives, grease, dirt and other contaminants from surface
- slab/screed should be cured to 5.5 percent moisture content
- waterproofing membrane should be used with slab on grade or where moisture is present
- also follow adhesive manufacturers preparation instructions

3 - installation

- use mapei granirapid or alternate manufacturer verified equivalent
- back-butter each tile to ensure 100 percent coverage and adhesion
- hand-set tile and avoid using mallets and excessive force
- blend tiles from several crates to enhance natural variations
- maintain a grout joint no less than 0.5 percent of long side of tile
- grout tiles using good quality sanded grout like mapei ultracolor plus
- be diligent in removing any adhesive or grout from surface before drying
- also follow adhesive and grout manufacturers application instructions
- protect floor with suitable coverage to prevent damage from site debris or staining

4 - clean & seal

- remove protection and sweep floor
- wet-scrub floor with floor machine using warm water and htc twister white pad
- work in sections and be diligent in removing dirty water and slurry before drying
- using a microfiber applicator apply CC Hardener following instructions, rinse
- buff with a white 3M polishing pad. apply a couple of thin coats of CC Protector following manufacturers instructions
- allow appropriate dry time and cure time before use
- re apply floor protection during construction

5 - maintain

- mop regularly with warm water and CC Maintenance detergent
- wipe up spills immediately and spot clean floor
- concrete is particularly sensitive to acids e.g. lemon juice
- the clean and seal process above is normally one time only
- for added protection against spills the clean and seal process can be repeated using client discretion