

# solana

## product data

solana tile has a machine ground surface that is low sheen, highly durable and wear-resistant. ideal for high-traffic interior and exterior flooring. naturally slip-resistant and low-maintenance.

## test results

slip (astm c-1028) 0.90 dry / 0.65 wet  
compressive: 8702psi / 60mpa  
tensile: 1401psi / 9.6mpa

## technical summary

weight (lb/sq.ft):	3/8" = 5	10mm = 25
(kg/m2)	5/8" = 7.5	15mm = 38
	3/4" = 10	20mm = 50
	1" = 12.5	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:	laticrete 254R platinum rapid
min grout joint:	± 0.5 percent of max tile length
expansion joints:	20' (6m) max interval
process:	thinset installation hand set only backbutter
clean:	scrub with floor machine use htc twister™ pads (white) neutral detergent (non acidic)
seal:	prosoco polishguard



contact our technical team for assistance related to your specific installation. we also offer adhesive, sealer, buffing pads and contractor services 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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### 1 - handling & storage

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

### 2 - preparation

- substrate to be leveled to 1/8" (3mm) over 10' (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 laticrete 254R platinum rapid 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 laticrete perma color
- 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
- apply a couple of thin coats of prosoco polishguard sealer following manufacturers instructions
- wipe off excess sealer using microfiber
- allow appropriate dry time and cure time before use
- re apply floor protection during construction

### 5 - maintain

- mop regularly with warm water and neutral detergent (non-acidic)
- 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