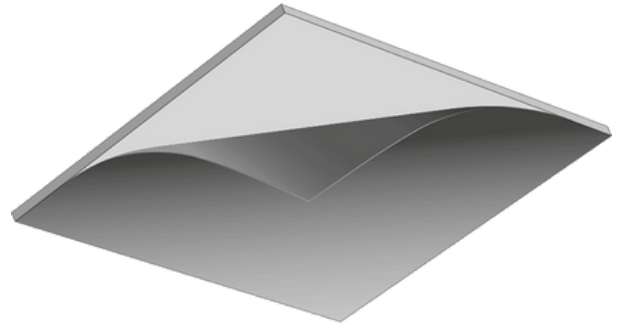


SHOCK CONTROL

ADHESIVE BACKER

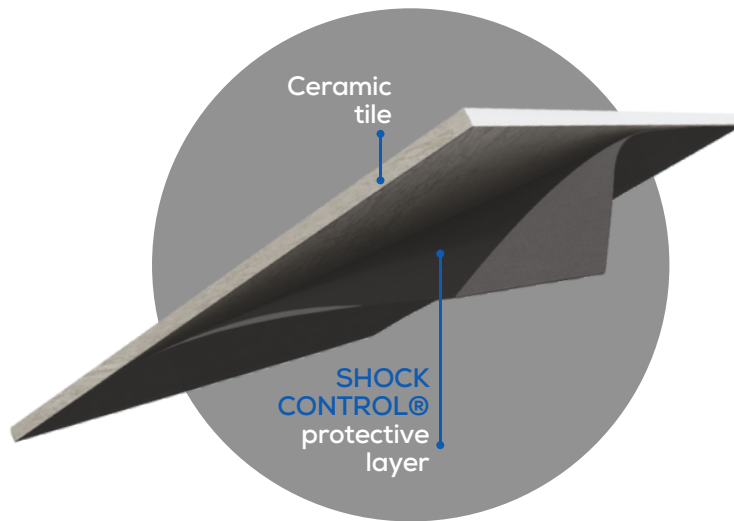


SHOCK CONTROL® is a flexible, self-adhesive, fiberglass reinforced sheet for Porcelain Pavers. It is applied to the back of the paver to increase the mechanical strength of the finished raised floor. Its structure prevents pavers from collapsing.

This solution is primarily intended to hold together pieces of any broken paver and provide temporary support, should a person be standing on a paver at the time of breakage. It can easily be removed and replaced since the fragments do not leave the site and the entire paver do not lose its shape after its damage.

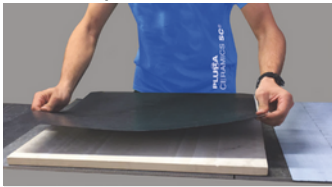


TIME TO CHANGE



INSTALLATION

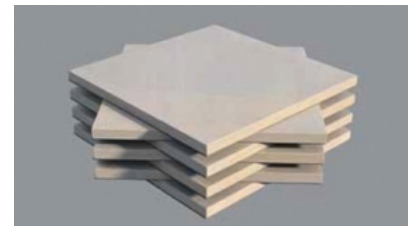
Installation of protective layer SHOCK CONTROL® is quick and easy. It can be easily applied by a single person within seconds without any tool in 4 short steps.



- 1** Choose the proper size of SHOCK CONTROL considering the size of the tile and apply it on the tile's lower surface, avoiding folds and aligning the edges.
- 2** Starting from one side, peel the protective foil, ensuring perfect adhesion of the SHOCK CONTROL to ceramic's surface.
- 3** Proceed until the whole surface is adhered with the aid of a silicone roller, avoiding any folds or air bubbles.
- 4** The tile is immediately ready to be applied on pedestals to finalize the exterior elevated floor.

RECOMMENDATIONS

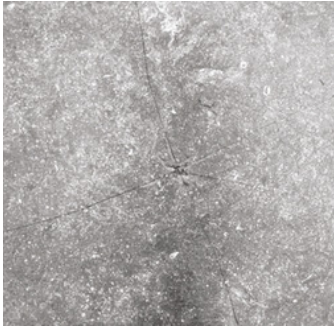
- Do not apply the SHOCK CONTROL below the 0° C. During the cold season, for a safe installation either hot air generated or a burner is recommended.
- Stock the SHOCK CONTROL sheets indoor in a dry and ventilated areas with temperatures higher than 15° C.
- Before the application make sure the installation area is dry and tiles are not wet. Always check and clean the bottom surface of the tile with a dry cloth.
- If the slabs are wet, dry them and treat with a special primer before applying the SHOCK CONTROL sheet.
- For the warehouse installation: place the already protected tiles in the classic diagonal staggering and leave overnight.
- For the installation on site: apply the membrane at least 30 minutes before laying down porcelain tiles so that the adhesive has time to set. Stack them in the classic diagonal staggering.
- Do not apply the SHOCK CONTROL in seaside areas in the presence of salt. In this scenario apply the sheet the day before inside the warehouse.



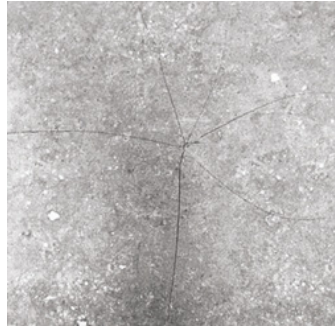
TEST

- Shock Control is a reinforcing protective system that allows 2 cm (3/4") thick ceramic tiles to be used in raised flooring, passing the "hard body impact" test according to the standard UNI EN 12825:2003.
- The test is carried out as the following procedure:
- A steel impactor with a mass of 4.5kg (9.9 lbs) falls onto a sample panel from a height of 600mm (1,96 ft), at the following points:
 - the center of the panel
 - the center of a side of the panel
 - any other point that is the weakest point of the panel. The panel must not yield or break after any impact
- The test is considered successful if no detachments of any fragment occur.

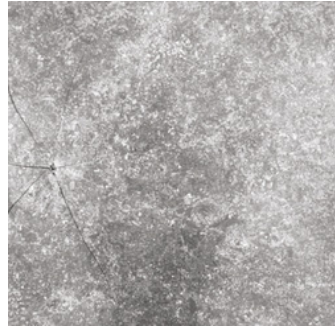
TEST	IMAGE	RESULT	OUTCOME
DROP TEST IN THE MIDDLE OF THE PANEL	Pic. 1,2	NO DETACHED FRAGMENT	PASSED
DROP TEST ON ONE SIDE OF THE PANEL	Pic. 3	NO DETACHED FRAGMENT	PASSED
DROP TEST AT 7 cm - 2.7" ON DIAGONAL	Pic. 4	NO DETACHED FRAGMENT	PASSED



1



2



3



4

SPECIFICATION

Upper face finish: PE film
 Lower face finish: Silicone film
 Type of reinforcement: Single strand polyester
 Width: 3/64" (1.2mm)
 Weight: 0.25 psf (1.2 Kg/m2)

SIZES

SIZES AVAILABLE	PIECES PER PACKAGE	WEIGHT PER PIECE	WEIGHT PER PACKAGE
60x60 cm 24"x24"	32	0.99 lbs	14.4 Kg/scatola 31.7 lbs/package
120x120 cm 24"x48"	Sold per piece		

TECHNICAL INFORMATION

TECHNICAL CHARACTERISTICS	RESULT	UNIT OF MEASURE	STANDARD EN
Dimensional stability	0.2	%	1107 - 1
Breaking load	250	N/5 cm	EN 12311 - 11
Elongation at break	35	%	EN 12311 - 11
Cold flexibility	- 30 (- 22)	°C (F)	EN 1109
Heat flow resistance	100 (212)	°C (F)	EN 1110
Fire resistance	Class F		EN 13501 - 5
Watertightness	100	KPa	EN 192
Resistance to water penetration	Class W1	mm/H2O	EN 1928-A
Tear resistance (on steel)	50	N/5 cm	ASTM D 1000
Tear resistance (on steel) after 12 weeks	100	N/5 cm	ASTM D 1000