Laying, use, cleaning and maintenance manual

CERAMICHE
SUPERGRES

LAYING, USE, CLEANING AND MAINTENANCE MANUAL

CERAMICHE
SUPERGRES

INDEX

LAYING 4
INSTRUCTIONS AND RECOMMENDATIONS
FOR THE INSTALLATION OF PORCELAIN TILES . . 5
CLEANING 6
INSTRUCTION AND RECOMMENDATIONS
FOR INSTALLATION 120x278 10
INSTRUCTIONS AND RECOMMENDATIONS
FOR THE INSTALLATION OF T_20 11

LAYING

When you receive the material ordered, after having checked that the goods delivered correspond to the shipping documents, and in any case before laying, it is important to check carefully that the tone, caliber and grade of material match your order. It is also necessary to check that the material presents no visible defects (as defined by the general terms of sale and by table 2 - page 5), as no complaints will be accepted once the material has been laid, if such defects were visible beforehand.

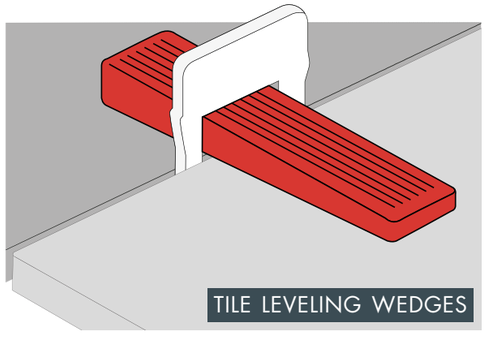
As the shading is a characteristic of ceramic products, we request that you check the value V- SHADE of the tiles you wish to fit. To obtain the best aesthetic result possible, the material should be laid using tiles from different boxes and thus obtain a varied mixture. For products with vein markings, as with natural stone effect tiles, we recommend arranging the vein markings of the slabs in such a way that the best aesthetic and chromatic effect is obtained.
The end customer must assure that the environmental and lighting conditions for which he is responsible are suitable to allow the tile fitter to carry out his work in a reliable manner. He must therefore check the materials and the tile-laying operation, as described above.

We recommend that the tiles are glued to the substrate using specific, high-performance adhesives. Please remember that the substrate must be stable, dry and properly prepared for laying. It is necessary in any case to follow the instructions provided by the manufacturers of substrates and the specific adhesives used. Cement-based adhesives must be applied at room temperature, generally between +5° and 30/35° C.
The most suitable adhesives for the laying of Supergres materials should be labelled according to the currently valid European Standard, EN12004.

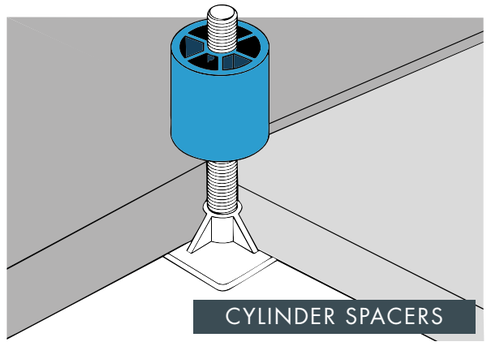
When laying the material, no marks should be made on the surface with pencils (graphite) or permanent markers, particularly on polished surfaces.
Although it is not necessary to dampen the tiles before laying, if the tiles are very dusty, it is advisable to rinse quickly in clean water.

In the period after the surfaces have been tiled until they are handed over the end customer, the ceramic tiles must be kept clean and free of cement, sand, mortar and any other material that might cause stains and/or mechanical surface abrasion. The finished surfaces must be protected from potential damage or contaminations owing to the foreseeable presence of other tradesman such as painters and decorators, electricians, carpenters etc.

For continuous surfaces we recommend staggered layouts, with a distance between edges of no more than 20 cm. For rectified materials, the minimum joint prescribed is 2 mm (this method allows the grout to have a better grip on the sides of the slabs, greater absorption of any movements of the substrate and consequently of the slabs themselves).
For non-rectified materials the minimum joint required is 5 mm.


TILE LEVELING WEDGES

Supergres will not accept any complaints for rectified tiles that have been laid leaving joints of less than 2 mm.
To minimise unevenness in installation on both floors and walls, the use of "simplified installation systems"with spacers and levellers with anti-chipping and anti-scratching pedestals is recommended when installing white-body or polished stoneware tiles.


CYLINDER SPACERS

WARNINGS ON THE PROCESSING AND INSTALLATION OF PORCELAIN STONEWARE

DANGER: Processing this product (including, but not limited to, e.g. cutting, drilling, polishing, or grinding) may generate respirable crystalline silica (silica dust). Exposure without proper protective measures can cause severe illnesses, including silicosis and lung cancer. Refer to the Safety Data Sheet (SDS) of the product available on the Company website www.supergres.com/sds for detailed precautions. Do not handle until all safety precautions have been read, understood and implemented

When handling tiles manually, check their weight beforehand to avoid excessive strain. Manual handling of loads must be carried out in accordance with the national regulations in force. On the construction site, it is extremely important to separate all types of waste for their separate collection and, when possible, recovery. We recommend that materials resulting from the demolition of floor and wall coverings be taken to the waste separation areas to ensure sustainable disposal..

WARNING:
FOR MATERIAL THAT HAS ALREADY BEEN LAID, SUPERGRES:
- **DOES NOT ACCEPT ANY COMPLAINTS FOR VISIBLE DEFECTS, AS DEFINED IN TABLE 2**
- **DOES NOT ACCEPT LIABILITY FOR THE QUALITY OF THE TILED SURFACE BUT ONLY FOR THE CHARACTERISTICS OF THE MATERIAL SUPPLIED.**

ONCE THE MATERIAL HAS BEEN LAID, IT IS WISE TO KEEP ASIDE A FEW TILES FOR POSSIBLE FUTURE REPAIRS OR TO HAVE A SAMPLE OF THE MATERIAL IN THE EVENT OF COMPLAINTS

Joints and grouting

In large, open spaces it is absolutely essential to position the expansion joints at regular intervals; in smaller rooms, on the other hand, it is sufficient to leave a slight space between the tiled surface and the walls around the room, which will be hidden by the skirting board. The tiles must be laid under the supervision of a planner or site manager, who must ensure that the work is carried out in accordance with the standards in force in the respective country.
For the use of epoxy grouting or the addition of resins or similar substances, it is important to properly follow the manufacturer's instructions as the fact such products harden more quickly requires greater attention. We also believe it is important to carry out a cleaning test on a part of the flooring.
Especially for lapped and polished products, we suggest using grouts that match the colour of the tiles (e.g. avoid using black grout with white tiles).
It is important to remove any excess grouting immediately and accurately after application while still fresh, using a sponge and plenty of water.
A few days after laying, once the joints are completely dry, it is essential to thoroughly clean the tiled surface using buffered acids (see the following chapter: Cleaning "after laying"), in order to completely remove all residual substances.

Some examples of "acid"-based detergents designed specifically for this purpose are:

- **DETERDEK PRO FILA INDUSTRIA CHIMICA** - www.filachim.com
- **DELTA PLUS ECO KERAKOLL** - www.kerakoll.com
- **KERANET MAPEI** - www.mapei.it
- **SOLVACID GEAL** - www.geal-chim.it
- **DISYCOTT FABER** - www.faberchimica.com

CLEANING

EXTRAORDINARY CLEANING "AFTER INSTALLATION"

Porcelain tiles

Properly cleaning the tiles after they have been laid is crucial.
If residues of the grouting used is removed inaccurately or too late, it may leave stains that are difficult to remove, and create a film of cement on the floor that can absorb any form of dirt.
It is essential to loosen and eliminate these residues completely using buffered acids diluted in water (always follow the instructions provided on the box), which will then have to be removed quickly by rinsing the entire floor with plenty of clean water.
We advise repeating this washing and rinsing operation several times until any stains or residues are completely removed.
We suggest carrying out a preliminary test on a sample surface of several metres; if the results are good, you can then clean the entire surface.
After this, the floor must then be cleaned thoroughly with a basic or alkaline detergent to degrease the surface. This is because acidic detergents may leave a film of grease on the floor that could trap dirt.
Before using these products, read the labels on the packaging carefully to ensure safe and effective use.

White body wall coverings

It is essential to clean the tiles after laying for the purpose of all subsequent maintenance operations: in this way, any residues of grouting as well as the normal dirt created during building works are eliminated, such as mortar, adhesive, paint etc. Once the grouting has properly dried, clean the surface with a neutral detergent, complying strictly with the instructions for use on the box or package.

Decorative trims and special inserts with relief patterns and/or precious metals (gold – silver).

Great attention must be paid during both the cleaning phase and the laying phase; it is vital to avoid the use of abrasive products that might scratch or damage the surface. For the cleaning of surfaces in Supergres, we recommend using exclusively a soft cloth with warm water and alcohol.

EVERYDAY CLEANING

Once the surface has been cleaned "after laying" (see previous chapter), for everyday cleaning we recommend the use of a neutral detergent.
Avoid using widely available detergents containing waxes and polishing additives that can deposit an undesired coaching on the flooring. We strictly advise against the use of waxes greasy soaps, fillers and various treatments (water and oil repellent) on the Supergres product, as they are not necessary. If the above treatments have been applied they will firstly need to be removed from the flooring using specific products following the manufacturer's instructions.
In the case of coatings created by soap, lime scale or dirt, you will need an acidic detergent, diluted in water as appropriate (always follow the instructions on the label).
It should be noted that is hydrofluoric acid (HF) and its derivatives may damage the tiles permanently.
For routine cleaning operations we recommend the use of bleach or ammonia, appropriately diluted in water.
For all lapped or polished surfaces, the use of non-abrasive cleaning equipment is necessary to prevent the surface from losing its shine or becoming scratched.
We also recommend leaving the floor to dry properly to prevent stains from forming.

EXTRAORDINARY CLEANING

In the case of particular and/or particularly stubborn stains, we recommend using specific detergents as those indicated in Table 1: "cleaning products". It should furthermore not be forgotten that the removal of any type of stain is easier when the stain is still fresh. It is always important to test the detergents on a small area before applying to the entire surface, particularly in the case of porcelain stoneware with a lapped or polished finish.

TABLE 1 - CLEANING PRODUCTS

TYPE OF DIRT	SOLUTION	DETERGENTS/ MANUFACTURER
LIMESCALE CARBON CEMENT CHALK MORTAR PENCIL METAL RESIDUE RUST CEMENT GROUT COLOURED GROUT WALL TEMPERA	**ACID SOLUTION**	DETERDEK PRO / FILA SOLVACID / GEAL CEMENT REMOVER / FABER KERANET / MAPEI DELTA PLUS ECO / KERAKOLL
BEER COFFEE COKE WINE ICE CREAM TIRE MARKS FAT KETCHUP MAYONNAISE JAM MUSTARD LIPSTICK RUBBER SOLES HAIR DYE URINE VOMIT	**ALKALINE SOLUTION**	PS87 PRO / FILA DETERFLASH / GEAL TILE CLEANER / FABER AMMONIACA / UNIVERSALE
STAINS FROM SUCTION CUPS TAR CANDLE WAX PROTECTIVE WAX GLUE CHEWING GUM INK ADHESIVE TAPE RESIDUE OILS MARKER PEN RESINS NAIL POLISH CIGARETTE	**SOLVENT**	FILA SOLV / FILA ALKALIN CLEANER / FABER ACETONE / UNIVERSALE TRIELINA / UNIVERSALE

For any specific request contact:

FILA (www.filasolutions.com) **KERAKOLL** (www.kerakoll.com) **MAPEI** (www.mapei.it)
GEAL (www.geal-chim.it) **FABER** (www.faberchimica.com)

TABLE 2 - VISIBLE DEFECTS

TYPE OF DEFECT	DESCRIPTION	EXCEPTIONS
CALIBER	Tiles with different dimensions (Width/Length) in the same batch (Caliber), with deviations exceeding the tolerances claimed on the technical specification sheet.	/
PLANARITY	Tiles that are concave or convex (curved at the edges), have raised or lowered corners (warpage) with deviations exceeding the tolerances claimed on the technical specification sheet.	/
ORTHOGONALITY – STRAIGHTNESS	Tiles with edges that are not straight (and not orthogonal ("trapezoid effect") with deviations exceeding the tolerances claimed in the technical specification sheets.	/
THICKNESS	Tiles with differing thicknesses in the same box with deviations exceeding the tolerances claimed on the technical specification sheet.	/
CRACKS	Tiles with cracks running parallel or orthogonally to the edge, or surface cracks leading to the immediate detachment of bits of the surface coating when the tiles	/
CHIPPING	Tiles with broken corners and/or edges inside the box.	/
SURFACE DEFECTS	Tiles with (pin) holes, depressions, dimples, puckering, any contamination in the ceramic body; visible signs of brands/ trademarks (left by the back of other ceramic tiles) on the surface.	If suction pads leave visible signs for a few seconds in humid conditions, this is not considered a defect of the tile, as such signs are not visible in normal conditions.
DECORATIVE DEFECTS	Tiles with defects in the silk-screen printing, glazing, droplets and lines created during digital printing.	/
COLOUR DEFECTS	Tiles with a tone of colour that differs excessively from the reference piece and/or sample provided to the customer.	/
MIXED TONES	Tiles in the same batch with a colour shading level above the V-Shade stated in the catalogue.	/
LAPPING/POLISHING DEFECTS	Tiles on which the surface presents an excessive number of "pinholes" or appears to "peel" (the colour of the ceramic body resurfaces), that have scratched and/or	/
CUTTING PROBLEM – FLAKING	Tiles that chip, flake or break when straight cuts or rectangular/ round holes are made in the tile.	/

TABLE 3 - HIDDEN DEFECTS

TYPE OF DEFECT	DESCRIPTION	EXCEPTIONS
CRACKS – BLISTERING	Tiles which (after laying) present cracks that run parallel or orthogonally to the edge or surface cracks ("blistering").	Great care should be taken when cutting and laying ceramic tiles around edges and other objects, as breakages are often due to the failure to take appropriate precautions.
SUBSEQUENT CRACKLING	Glazed wall tiles on which the phenomenon of crackling starts to appear "subsequently", even several months after laying.	This defect may be due to the ceramic product, but is normally caused by improper laying of the tiles.
FROST DAMAGE	Tiles laid outside that start to show fractures and flaking typical of ceramic tiles, often of the "conchoidal" type.	If tiles laid outdoors become detached from the substrate or raised, or if individual and/or adjacently laid tiles break, this is not due to the ceramic product but to incorrect laying.
INCLINATION TO STAINS	Tiles that trap dirt to an excessive extent and are difficult to clean.	This is probably due to a hidden defect, but it is also necessary to check if this is due to insufficient characteristics of the tile used for the purpose, and/or incorrect maintenance on the part of the end customer.

120x278RT ÷ 6mm RECOMMENDATIONS FOR INSTALLATION

WARNINGS ON THE PROCESSING AND INSTALLATION OF PORCELAIN STONEWARE

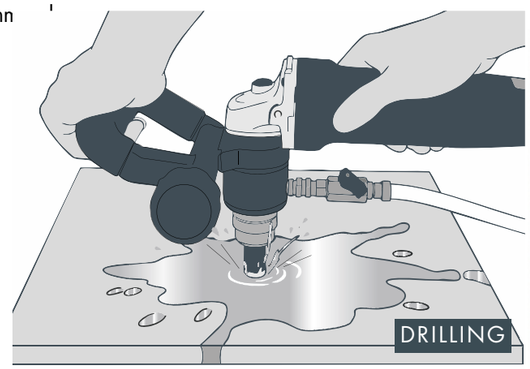
DANGER: Processing this product (including, but not limited to, e.g. cutting, drilling, polishing, or grinding) may generate respirable crystalline silica (silica dust). Exposure without proper protective measures can cause severe illnesses, including silicosis and lung cancer. Refer to the Safety Data Sheet (SDS) of the product available on the Company website www.supergres.com/sds for detailed precautions. Do not handle until all safety precautions have been read, understood and implemented.

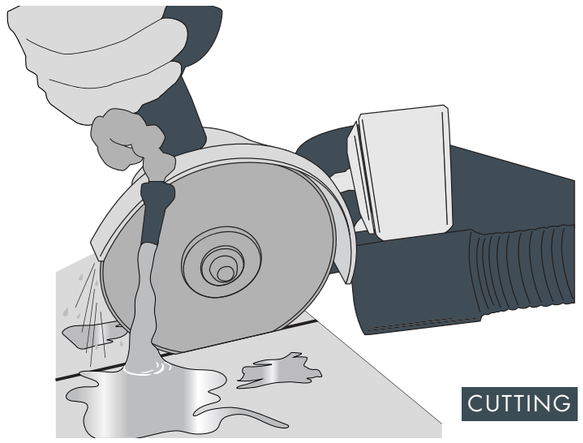
PORCELAIN SLAB IS AN HEAVY MATERIAL, HANDLE THE SLABS USING MECHANICAL OR PNEUMATIC DEVICES IN SAFETY CONDITIONS AND RESPECT THE LOADING LIMITS DEFINED BY THE LOCAL LEGISLATION.

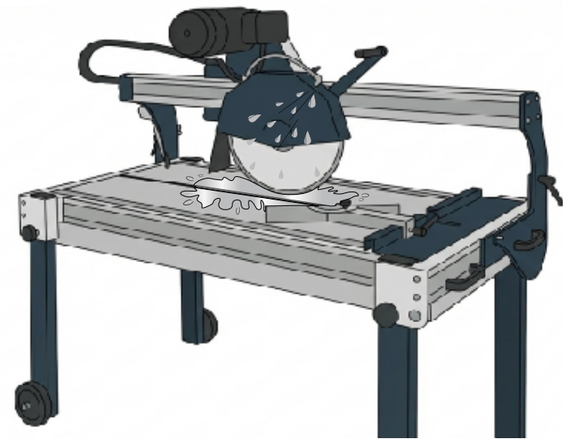
Always use wet methods during all fabrication and processing. Avoid generating airborne dust, especially when appropriate respiratory protective equipment and adequate air filtration and ventilation systems are not in place. The required protective measures depend on specific workplace conditions and applicable legislation.

Supergres stresses that slabs 6 mm in thickness may only be used as flooring in residential and commercial environments that are subject to light traffic, and furthermore, in contexts where there is no circulation of heavy loads or hard-tyre trolleys. Thanks to the reduced thickness, the 6 mm slabs are a good solution for laying over pre-existing floors or tiling in marble, natural stone or ceramics, and avoid the necessity of demolishing the underlying floor. Such preexisting flooring must, however, be even, stable, rigid and without breakages. Even if the floor conforms to all the above conditions, it is still necessary, together with the flooring project manager, to evaluate the suitability of the underlying layer. If there are any doubts, the need for demolition and/or the use of traditional thickness must be evaluated.

Supergres does not recommend the installation of 6 mm thickness on a slab since the results of installation strictly relate to the condition - excellent - of the slab, to its seasoning, to the provision of expansion joints, as well as to perfect installation in accordance to “the rules of the trade”. If you are tiling a new slab, Supergres recomn
the use of porcelain stoneware with a standard thickness.
In general, when laying a floor of 6 mm thick slabs, the adhesive (to be selected together with the project manager based on the characteristics of the construction) must be applied using the double bonding technique, aimed at ensuring the perfect distribution of the adhesive to guarantee the best bond, avoiding the presence of any hollows that could cause breakages.
essere causa di rotture.







INSTRUCTIONS AND RECOMMENDATIONS FOR THE INSTALLATION OF T_20

T_20

WARNINGS ON THE PROCESSING AND INSTALLATION OF PORCELAIN STONEWARE

DANGER: Processing this product (including, but not limited to, e.g. cutting, drilling, polishing, or grinding) may generate respirable crystalline silica (silica dust). Exposure without proper protective measures can cause severe illnesses, including silicosis and lung cancer. Refer to the Safety Data Sheet (SDS) of the product available on the Company website www.supergres.com/sds for detailed precautions. Do not handle until all safety precautions have been read, understood and implemented.

DRY LAYING T_20

- Outdoor pavings installed unglued above the ground level **are subject to the action of the wind, with the risk**, in some cases, **of becoming airborne**. The manufacturer recommends to require the assistance of a qualified professional in order to check the suitability of the installation system above the ground adopted, in accordance with the local laws and regulations and the conditions of use. Failure to do so could result in **serious injury** or property damage.

- A ceramic slab installed on a raised pedestal system **may fracture on impact if a heavy object is dropped onto it** from a height, with a risk of injury to anyone standing or walking on such slab. Failure to adhere to the manufacturer’s instructions for installation of slabs on raised pedestal systems may result in serious injury.

- For further information and recommendations concerning the installation systems please refer to www.supergres.com

- Data and guidance on load resistance and bending strength provided in the catalogue, and instructions for the number and placing of pedestals, apply to whole slabs. Any cuts or holes (circular or rectangular, cuts which change the proportions of the sides, etc.) in the slab reduce its load resistance. The installer must therefore assess the need for reinforcing structures on a case-by-case basis.

INSTRUCTIONS FOR PROJECT ENGINEERS AND CUSTOMERS

If the application of the 20 mm slabs foresees the **ceramic product used in structural installations**, the project engineer and/or customer must carefully assess the project requirements with regard to the technical specifications of the slabs. To prevent the risk of damage or injury, the manufacturer recommends:

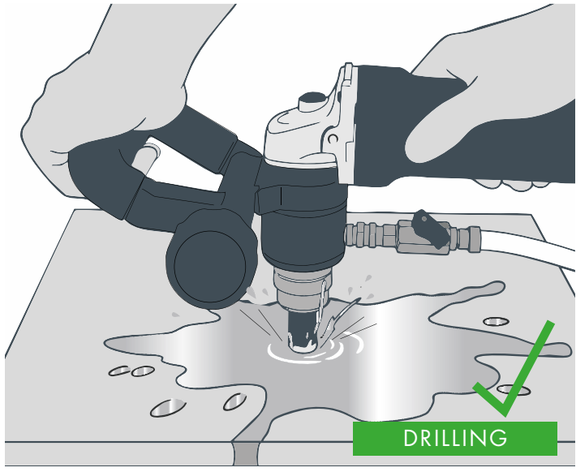
- With regard to a raised floor installation a ceramic slab may fracture on impact if a heavy object falls on it from any significant height. Therefore the manufacturer recommends to check the specific intended use before starting the installation and **to follow table for raised installation provided below**.
  In certain conditions, reinforcing must be applied on the back of the slabs (double fiberglass) supplied and applied by the manufacturer;
- With reference to any dry installation system of flooring above the ground level, the manufacturer recommends to comply with local regulations and conditions of use with regard **to wind-load, loadbearing, seismic events**, etc.
  Failure to comply with these recommendations may lead to improper use of the product and could cause **serious damage or injury.**

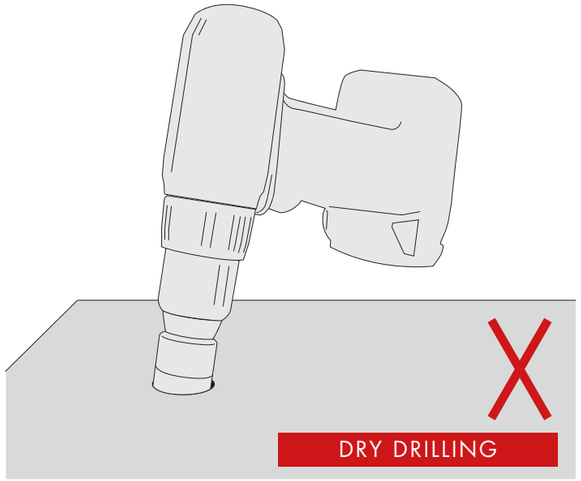
  For further details on the 20 mm product and the installation systems, in particular for recommendations , restrictions of use, and precautions during installation, please refer to www.supergres.com and to the 20 mm catalogue.

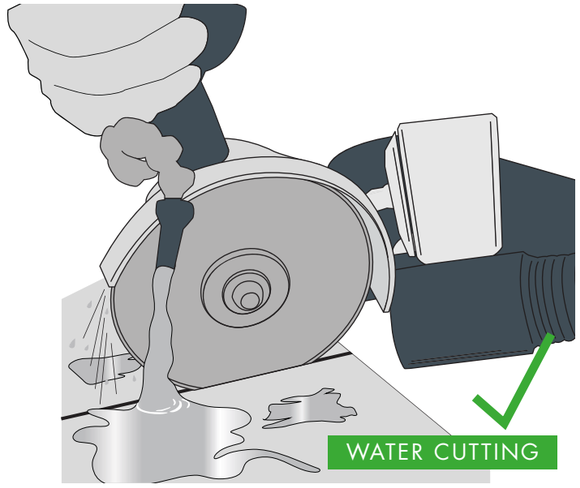
WARNING:
FOR MATERIAL THAT HAS ALREADY BEEN LAID, SUPERGRES:
- **DOES NOT ACCEPT ANY COMPLAINTS FOR VISIBLE DEFECTS, AS DEFINED IN TABLE 2**
- **DOES NOT ACCEPT LIABILITY FOR THE QUALITY OF THE TILED SURFACE BUT ONLY FOR THE CHARACTERISTICS OF THE MATERIAL SUPPLIED.**

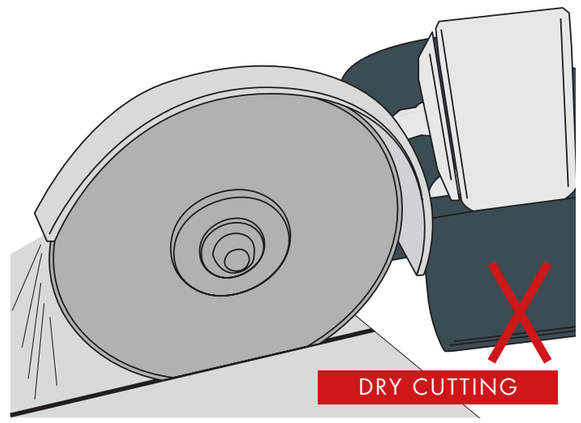
ONCE THE MATERIAL HAS BEEN LAID, IT IS WISE TO KEEP ASIDE A FEW TILES FOR POSSIBLE FUTURE REPAIRS OR TO HAVE A SAMPLE OF THE MATERIAL IN THE EVENT OF COMPLAINTS

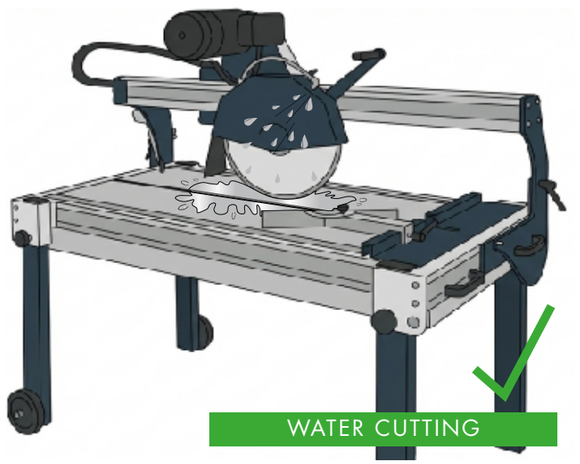
CONSIGLI DI TAGLIO

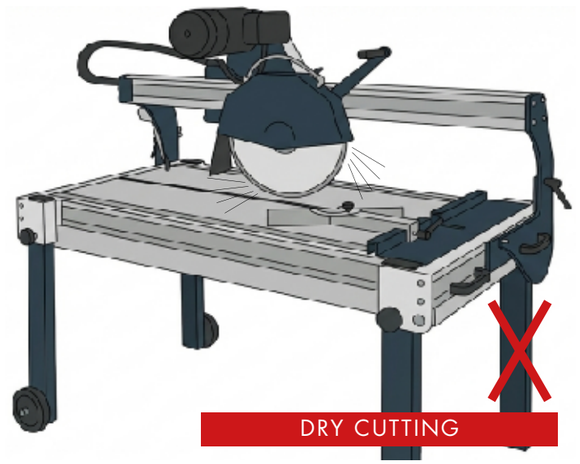


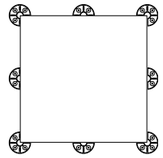
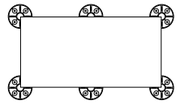
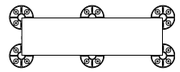
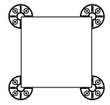
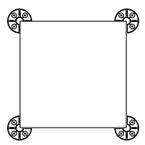
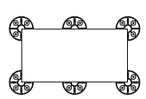










T.20 FORMATO SIZE	ALTEZZA FINO A 2 CM UP TO 2 CM	ALTEZZA DA 2 A 10 CM* FROM 2 TO 10 CM	ALTEZZA DA 10 A 30 CM* FROM 10 TO 30 CM
120x120 RT 48"x48" 	**8 PIEDI** (2,7 pz/m²) **8 SUPPORTS** (2,7 pz/m²)	**8 PIEDI + DOPPIA RETE DI FIBRA DI VETRO** (2,7 pz/m²) **8 SUPPORTS + DOUBLE FIBERGLASS MESH** (2,7 pz/m²) OPPURE SISTEMA T20 UP SENZA RINFORZO T20 UP SYSTEM WHITOUT REINFORCEMENT	**8 PIEDI + DOPPIA RETE DI FIBRA DI VETRO** (2,7 pz/m²) **8 SUPPORTS + DOUBLE FIBERGLASS MESH** (2,7 pz/m²) OPPURE SISTEMA T20 UP SENZA RINFORZO T20 UP SYSTEM WHITOUT REINFORCEMENT
60x120 RT 24"x48" 	**6 PIEDI** (3,4 pz/m²) **6 SUPPORTS** (3,4 pz/m²)	**6 PIEDI + DOPPIA RETE DI FIBRA DI VETRO** (3,4 pz/m²) **6 SUPPORTS + DOUBLE FIBERGLASS MESH** (3,4 pz/m²) OPPURE SISTEMA T20 UP SENZA RINFORZO T20 UP SYSTEM WHITOUT REINFORCEMENT	**6 PIEDI + DOPPIA RETE DI FIBRA DI VETRO** (3,4 pz/m²) **6 SUPPORTS + DOUBLE FIBERGLASS MESH** (3,4 pz/m²) OPPURE SISTEMA T20 UP SENZA RINFORZO T20 UP SYSTEM WHITOUT REINFORCEMENT
30x120 RT 12"x48" 	**6 PIEDI** (7 pz/m²) **6 SUPPORTS** (7 pz/m²)	**6 PIEDI + DOPPIA RETE DI FIBRA DI VETRO** (7 pz/m²) **6 SUPPORTS + DOUBLE FIBERGLASS MESH** (7 pz/m²) OPPURE SISTEMA T20 UP SENZA RINFORZO T20 UP SYSTEM WHITOUT REINFORCEMENT	**6 PIEDI + DOPPIA RETE DI FIBRA DI VETRO** (7 pz/m²) **6 SUPPORTS + DOUBLE FIBERGLASS MESH** (7 pz/m²) OPPURE SISTEMA T20 UP SENZA RINFORZO T20 UP SYSTEM WHITOUT REINFORCEMENT
60x60 RT 24"x24" 	**4 PIEDI** (3,4 pz/m²) **4 SUPPORTS** (3,4 pz/m²)	**4 PIEDI** (3,4 pz/m²) **4 SUPPORTS** (3,4 pz/m²) OPPURE SISTEMA T20 UP SENZA RINFORZO T20 UP SYSTEM WHITOUT REINFORCEMENT	**4 PIEDI + DOPPIA RETE DI FIBRA DI VETRO** (3,4 pz/m²) **4 SUPPORTS + DOUBLE FIBERGLASS MESH** (3,4 pz/m²) OPPURE SISTEMA T20 UP SENZA RINFORZO T20 UP SYSTEM WHITOUT REINFORCEMENT
80x80 RT 32"x32" 	**4 PIEDI** (2 pz/m²) **4 SUPPORTS** (2 pz/m²)	**4 PIEDI** (2 pz/m²) **4 SUPPORTS** (2 pz/m²) OPPURE SISTEMA T20 UP SENZA RINFORZO T20 UP SYSTEM WHITOUT REINFORCEMENT	**4 PIEDI + DOPPIA RETE DI FIBRA DI VETRO** (2 pz/m²) **4 SUPPORTS + DOUBLE FIBERGLASS MESH** (2 pz/m²) OPPURE SISTEMA T20 UP SENZA RINFORZO T20 UP SYSTEM WHITOUT REINFORCEMENT
45x90 RT 18"x36" 	**6 PIEDI** (6 pz/m²) **6 SUPPORTS** (6 pz/m²)	**6 PIEDI + DOPPIA RETE DI FIBRA DI VETRO** (6 pz/m²) **6 SUPPORTS + DOUBLE FIBERGLASS MESH** (6 pz/m²) OPPURE SISTEMA T20 UP SENZA RINFORZO T20 UP SYSTEM WHITOUT REINFORCEMENT	**6 PIEDI + DOPPIA RETE DI FIBRA DI VETRO** (6 pz/m²) **6 SUPPORTS + DOUBLE FIBERGLASS MESH** (6 pz/m²) OPPURE SISTEMA T20 UP SENZA RINFORZO T20 UP SYSTEM WHITOUT REINFORCEMENT

For USA, Australia and Canada: *

ALL SIZES, 20 MM THICKNESS ARE CONSIDERED SUITABLE FOR LAYING ON SUPPORTS AT A **MAXIMUM HEIGHT OF 2 CM (¾").**
FOR SPECIAL RAISED APPLICATION, CONTACT SUPERGRES TECHNICAL DEPARTMENT.

For further information and for technical specifications about the double fiberglass net to be applied on the back of the tile, we kindly ask you to contact the company. **Supergres is responsible only if it supplies the whole system (ceramic tiles + reinforcing system)**. Supergres cannot be held responsible for reinforcing systems that has not supplied. In case of breakage, tile must be replaced immediately.

Laying, use, cleaning and maintenance manual

OFFICE
Strada Statale 467, 34
42013 Casalgrande (RE) Italy

Phone +39 0522 997411
Fax Export +39 0522 997415
Fax Italia +39 0522 997494

WAREHOUSE
Via dell'Industria, 1-Villaggio Macina
42013 Salvaterra di Casalgrande (RE) Italy

info@supergres.com
www.supergres.com

CERAMICHE
SUPERGRES