Terms & Conditions of Sale

In these Terms and Conditions of Sale, Landmark Ceramics, Inc., is referred to as "Landmark", and the customer or person or entity purchasing Landmark’s products (herein referred to as "Products" and "Goods") from Landmark is referred to as the "Buyer".

These Terms and Conditions of Sale, and Landmark’s Order Acknowledgement constitute the complete and exclusive agreement and understanding governing the sale of Goods by Landmark to Buyer (the "Agreement") and supersede all prior agreements, understandings or representations, whether written or oral, among the parties with respect to such matters. Provided, however, that if any terms provisions or condition of Landmark’s Order Acknowledgement should conflict or be inconsistent with any paragraph of these Terms and Conditions, then the content of Landmark’s Order Acknowledgement shall prevail and control over such conflicting and/or inconsistent terms.

By ACCEPTING LANDMARK’S ORDER ACKNOWLEDGEMENT AND/OR INSTRUCTING LANDMARK TO SHIP PRODUCTS (EITHER BY FACSIMILE OR E-MAIL COMMUNICATION), BUYER WILL MANIFEST ITS ACKNOWLEDGMENT, ACCEPTANCE AND AGREEMENT TO THESE TERMS AND CONDITIONS.

Landmark reserves, in its sole discretion, the right to refuse any order. No order is accepted by Landmark unless (i) Landmark provides Buyer with a written Order Acknowledgement, and (ii) Buyer duly signs the Order Acknowledgment in acknowledgment, acceptance and agreement, and returns the signed Order Acknowledgment to Landmark.

1. PRICELIST 2019 - (Ex Works Mt. Pleasant - TN)

   Update: 3 March 2019

   ![Image 501x723 to 547x736](image)

   - Charges
   - Risk
   - Insurance
   - Incoterms
   -をご要望される際には、お問い合わせください。
   - FOB
   - CIF
   - All

2. TERMS OF PAYMENT

   Unless otherwise expressly agreed by Landmark in writing to Buyer, all invoices are due and payable on receipt of invoice. Invoices will be sent to Buyer not later than 10 days after the date of delivery.

   2a) Buyer agrees to pay all invoices in full, within 30 days from the date of invoice.
   2b) Buyer agrees to pay all invoices in full, within 60 days from the date of invoice.
   2c) Buyer agrees to pay all invoices in full, within 90 days from the date of invoice.
   2d) Buyer agrees to pay all invoices in full, within 120 days from the date of invoice.
   2e) Buyer agrees to pay all invoices in full, within 150 days from the date of invoice.
   2f) Buyer agrees to pay all invoices in full, within 180 days from the date of invoice.
   2g) Buyer agrees to pay all invoices in full, within 210 days from the date of invoice.
   2h) Buyer agrees to pay all invoices in full, within 240 days from the date of invoice.
   2i) Buyer agrees to pay all invoices in full, within 270 days from the date of invoice.
   2j) Buyer agrees to pay all invoices in full, within 300 days from the date of invoice.

   3. DELIVERY

   3a) Unless otherwise expressly agreed in writing by Buyer, shipping documents are FOB Landmark's Factory.
   3b) Unless otherwise expressly agreed in writing by Buyer, shipping documents are FOB Landmark's Factory.
   3c) Unless otherwise expressly agreed in writing by Buyer, shipping documents are FOB Landmark's Factory.
   3d) Unless otherwise expressly agreed in writing by Buyer, shipping documents are FOB Landmark's Factory.
   3e) Unless otherwise expressly agreed in writing by Buyer, shipping documents are FOB Landmark's Factory.
   3f) Unless otherwise expressly agreed in writing by Buyer, shipping documents are FOB Landmark's Factory.
   3g) Unless otherwise expressly agreed in writing by Buyer, shipping documents are FOB Landmark's Factory.
   3h) Unless otherwise expressly agreed in writing by Buyer, shipping documents are FOB Landmark's Factory.
   3i) Unless otherwise expressly agreed in writing by Buyer, shipping documents are FOB Landmark's Factory.
   3j) Unless otherwise expressly agreed in writing by Buyer, shipping documents are FOB Landmark's Factory.

   4. INSPECTION, TESTING AND ACCEPTANCE

   4a) Inspection of Goods by Buyer shall be limited to physical examination of the Goods at Buyer’s place of receipt. Buyer shall have no right to inspect or test the Goods for any defects or damages.
   4b) Buyer shall have no right to inspect or test the Goods for any defects or damages.
   4c) Buyer shall have no right to inspect or test the Goods for any defects or damages.
   4d) Buyer shall have no right to inspect or test the Goods for any defects or damages.
   4e) Buyer shall have no right to inspect or test the Goods for any defects or damages.
   4f) Buyer shall have no right to inspect or test the Goods for any defects or damages.
   4g) Buyer shall have no right to inspect or test the Goods for any defects or damages.
   4h) Buyer shall have no right to inspect or test the Goods for any defects or damages.
   4i) Buyer shall have no right to inspect or test the Goods for any defects or damages.
   4j) Buyer shall have no right to inspect or test the Goods for any defects or damages.

   5. LIMITATION OF LIABILITY

   5a) This document contains a list of the products, their specifications, and the terms and conditions under which they are sold by Landmark. Buyer agrees to purchase the Products for their intended use only, and agrees to indemnify, defend, and hold harmless Landmark, its officers, employees, and agents from any and all liability, damage, loss, or expense (including reasonable attorneys’ fees), or claims for death or injuries to persons or property, resulting from the use of the Products.
   5b) This document contains a list of the products, their specifications, and the terms and conditions under which they are sold by Landmark. Buyer agrees to purchase the Products for their intended use only, and agrees to indemnify, defend, and hold harmless Landmark, its officers, employees, and agents from any and all liability, damage, loss, or expense (including reasonable attorneys’ fees), or claims for death or injuries to persons or property, resulting from the use of the Products.
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   6. DISCLAIMER

   6a) Buyer agrees to indemnify, defend, and hold harmless Landmark, its officers, employees, and agents from any and all liability, damage, loss, or expense (including reasonable attorneys’ fees), or claims for death or injuries to persons or property, resulting from the use of the Products.
   6b) Buyer agrees to indemnify, defend, and hold harmless Landmark, its officers, employees, and agents from any and all liability, damage, loss, or expense (including reasonable attorneys’ fees), or claims for death or injuries to persons or property, resulting from the use of the Products.
   6c) Buyer agrees to indemnify, defend, and hold harmless Landmark, its officers, employees, and agents from any and all liability, damage, loss, or expense (including reasonable attorneys’ fees), or claims for death or injuries to persons or property, resulting from the use of the Products.
   6d) Buyer agrees to indemnify, defend, and hold harmless Landmark, its officers, employees, and agents from any and all liability, damage, loss, or expense (including reasonable attorneys’ fees), or claims for death or injuries to persons or property, resulting from the use of the Products.
   6e) Buyer agrees to indemnify, defend, and hold harmless Landmark, its officers, employees, and agents from any and all liability, damage, loss, or expense (including reasonable attorneys’ fees), or claims for death or injuries to persons or property, resulting from the use of the Products.
Terms & Conditions of Sale

6. LIMITATION OF REMEDY AND LIABILITY: a) THE SOLE AND EXCLUSIVE REMEDY FOR BREACH OF ANY WARRANTY HEREBUNDER SHALL BE LIMITED TO REPAIR, CORRECTION OR REPLACEMENT, OR REFUND OF THE PURCHASE PRICE IN ACCORDANCE WITH SECTION 5 ABOVE.

b) LANDMARK SHALL NOT BE LIABLE FOR DAMAGES CAUSED BY DELAY IN PERFORMANCE OR IN NO PERFORMANCE, REGARDLESS OF THE FORM OF THE CLAIM OR CAUSE OF ACTION (WHETHER BASED IN CONTRACT, INFRINGEMENT, NEGLIGENCE, STRICT LIABILITY, OTHER TORT OR OTHERWISE), SHALL LANDMARKS LIABILITY TO BUYER AND/OR ANY SUBSEQUENT TRANSMITTERS EXCEED THE PRICE PAID BY BUYER FOR THE SPECIFIC PRODUCTS PROVIDED BY LANDMARK GIVING RISE TO THE CLAIM OR CAUSE OF ACTION. BUYER AND ANY SUBSEQUENT TRANSMITTER AGREES THAT IN NO EVENT SHALL LANDMARKS OR MANUFACTURERS LIABILITY TO BUYER AND/OR ANY SUBSEQUENT TRANSMITTERS EXTEND TO INCLUDE INCIDENTAL, CONSEQUENTIAL OR PUNITIVE DAMAGES. The term "consequential damages" shall include, but not be limited to, loss of anticipated profits, loss of business opportunity, business interruptions, loss of use or revenue, cost of capital or loss or damage to property or equipment.

c) It is expressly understood that any technical advice furnished by Landmark or Manufacturer with respect to the use of the Goods is given without charge, and Landmark and Manufacturer assume no obligation or liability whatsoever for the advice given, or results obtained, all such advice being given and accepted at Buyer's own risk.

7. EXCUSE OF PERFORMANCE: Neither Landmark nor Manufacturer shall be liable for delays in performance or for non-performance due to acts of God; acts of Buyer; war; fire; flood; weather; sabotage; strikes or other disputes; civil disturbances or riots; governmental requests, mandates, allocations, laws, regulations, orders or actions; unavailability of or delays in transportation; default of suppliers; material fluctuations in the exchange rate between the U.S. Dollar and State of unreasonable circumstances or any event or causes beyond Landmark's or Manufacturer's reasonable control. Deliveries or other performance may be suspended for an appropriate period of time or canceled by Landmark upon notice to Buyer in the event of any of the foregoing, but the balance of the Agreement shall otherwise remain unaffected as a result of the foregoing.

If Landmark determines that its ability to supply the total demand for the Goods, or to obtain material used directly or indirectly in the manufacture of the Goods, is hindered, limited or made impracticable due to causes set forth in the preceding paragraph, Landmark may allocate its available supply of the Goods or such material (without obligated to acquire or offset any supplies of such Goods or materials) among its purchasers on such bases as Landmark determines to be equitable without liability for any future of which may result therefrom.

8. CANCELLATION: Buyer may cancel orders only upon reasonable advance written notice and upon payment to Landmark of Landmark's cancellation charges which include, among other things, all costs and expenses incurred to cover commitments made by Landmark and a reasonable profit thereon. Landmark's determination of such cancellation charges shall be conclusive. PROVIDED, HOWEVER, THAT ANY CANCELLATION MUST BE MADE BEFORE THE GOODS HAVE BEEN SHIPPED.

For “Made On Order Products” (which means declared as “Made on Order” according current pricelist) and for “Custom Products” (which means Products manufactured upon request of the Buyer, not included in the current Landmark's pricelist), the cancellation made subsequently to the confirmation of the Order Acknowledgement will entail, from the Buyer, the obligation to pay Landmark the full due amount listed in the Order Acknowledgement itself.

9. CHANGES: Buyer may request changes or additions to the Goods consistent with Landmark's specifications and criteria. In the event such changes or additions are accepted by Landmark, Landmark may revise the price and dates of delivery accordingly. Landmark reserves the right to change designs and specifications for the Goods. No changes will be accepted for discontinued material and for products other than first choice products. Returns will not be accepted unless Landmark has first issued a Return Authorization Number. Only Landmark Customer Service Department can authorize a return, and all return authorizations must be in writing. No sales representative may accept the return of any products without such written authorization. Products may be returned to Landmark only after inspection by Landmark and after receipt by the Buyer of shipping instructions. Returns will be charged a minimum of 25% restocking fee (unless Landmark erred in filling the order) and will be limited to full and unopened cartons that have not been damaged or modified in any way. Shipping, handling, insurance, taxes, risk of loss and tariff charges for return products shall be borne by the Buyer.

10. RETURNED GOODS: Except as otherwise provided in paragraph d) of Section 5 above with respect to warranty claims, any and all material which Buyer desires to return and which Landmark agrees to take back shall be accepted only with prior written authorization and must be in full compliance of this Landmark's Return authorization policy. No returns will be accepted for discontinued material and for products other than first choice products. Returns will not be accepted unless Landmark has first issued a Return Authorization Number. Only Landmark Customer Service Department can authorize a return, and all return authorizations must be in writing. No sales representative may accept the return of any products without such written authorization. Products may be returned to Landmark only after inspection by Landmark and after receipt by the Buyer of shipping instructions. Returns will be charged a minimum of 25% restocking fee (unless Landmark erred in filling the order) and will be limited to full and unopened cartons that have not been damaged or modified in any way. Shipping, handling, insurance, taxes, risk of loss and tariff charges for return products shall be borne by the Buyer.

11. INDEMNIFICATION: Buyer hereby covenants and agrees to defend, indemnify and hold harmless Landmark, its officers, directors, employees, agents, advisors, representatives and affiliates (collectively, the “Indemnitees”) from and against, and pay or reimburse the Indemnitees for any and all claims, liabilities, obligations, losses, fines, costs, royalties, proceedings, deficiencies or damages (whether actual, accrued, conditional or otherwise and whether or not resulting from third party claims), including out-of-pocket expenses and reasonable attorneys’ fees incurred in the investigation, defense, or settlement of any or any of the Indemnitees’ claims, demands or actions (including, without limitation, any or any of the Indemnitees’ claims, demands or actions) arising out of, relating to, or attributable to: a) Buyer’s breach of any provision or covenant set forth in this Agreement, and b) Buyer’s making of any representation to any third party regarding the Goods other than the limited warranty set forth in Section 5 above.

12. ASSIGNMENT: Buyer shall not assign its rights or delegate its duties hereunder or any interest herein without the prior written consent of Landmark, and any such assignment, without such consent, shall be void.

13. GENERAL PROVISIONS: no change, modification, rescission, discharge, abandonment, or waiver of any of these Terms and Conditions of Sale shall be binding upon Landmark or Manufacturer unless made in writing and signed on behalf by a duly authorized representative of Landmark or Manufacturer. No conditions, usage of trade, course of dealing or performance, understanding or agreement purporting to modify, vary, explain, or supplement these Terms and Conditions of Sale shall be binding unless landlord made in writing and signed by the party to be bound, and no modification or additional terms shall be applicable to this Agreement by Landmark’s receipt, acknowledgment, or acceptance of purchase orders, shipping instructions, or other documentation containing terms at variance with or in addition to those set forth herein. No waiver by either party with respect to any breach or default of any right or remedy, and no course of dealing, shall be deemed to constitute a continuing waiver of any other breach or default or of any other right or remedy, unless such waiver be expressly in writing and signed by the party to be bound. All typographical or clerical errors made by Landmark in any quotation, acknowledgment or publication are subject to correction.

14. SEVERABILITY: If any provision of this Agreement shall be held invalid or unenforceable by competent authority, such provision shall be stricken as to so as to be limited or reduced to be enforceable to the maximum extent compatible with the law as it shall then appear. The total invalidity or unenforceability of any particular provision of this Agreement shall not affect the other provisions hereof and this Agreement shall be construed in all respects as if such invalid or unenforceable provision were omitted.

15. GOVERNING LAW AND JURISDICTION: This Agreement shall be governed by and construed in accordance with the laws of the State of Tennessee without reference to its conflicts of laws principles. Buyer, Landmark and Manufacturer agree to submit all disputes arising out of or in connection with this Agreement to the exclusive jurisdiction of the State and Federal courts of the State of Tennessee, located in Davidson County. EACH PARTY TO THIS AGREEMENT ACKNOWLEDGES AND AGREES THAT ANY CONTROVERSY WHICH MAY ARISE UNDER THIS AGREEMENT IS LIKELY TO INVOLVE COMPLICATED AND DIFFICULT ISSUES, AND, THEREFORE, EACH SUCH PARTY HEREBY IRREVOCABLY AND UNCONDITIONALLY WAIVES ANY RIGHT SUCH PARTY MAY HAVE TO A TRIAL BY JURY IN RESPECT OF ANY LitIGATION DIRECTLY OR INDIRECTLY ARISING OUT OF OR RELATING TO THIS AGREEMENT, OR THE BREACH, TERMINATION OR VALIDITY OF THIS AGREEMENT, OR THE TRANSACTIONS CONTEMPLATED BY THIS AGREEMENT. EACH SUCH PARTY CERTIFIES THAT THEY HAVE NOT RELIED UPON ANY REPRESENTATION OR STATEMENT OF ANY THIRD PARTY IN AGREEMENT TO THIS PROVISION AND THAT THEY FREELY, KNOWINGLY AND VOLUNTARILY WAIVE THEIR RIGHT TO A JURY TRIAL.

The Convention for the International Sale of Goods shall not apply to this Agreement.

16. U.S. EXPORT CONTROL REGULATIONS: All Goods sold to Buyer are subject to the export control laws of the United States and Buyer agrees not to resell or divert any Goods contrary to such laws.

17. NO THIRD PARTY RIGHTS: These Terms and Conditions of Sale create no third party rights between Landmark and any person other than Buyer, including but not limited to any Subsequent Transferee. It is understood and agreed that the parties do not intend that any third party be a beneficiary of these Terms and Conditions of Sale.

18. RECOMMENDED USE OF PORCELAIN TILES AND PAPERS:

RECOMMENDED USE FOR 9 MM THICK - MATT FINISH PRODUCTS (ALL COLLECTIONS)

These products are recommended for indoor floors, walls, countertops, and outdoor walls in commercial and residential application. The use of these products is not recommended for horizontal exterior surfaces that require anti-slip features. Landmark recommends an offset no greater than 30%, if a staggered pattern is required for tiles of 20" inches or longer. Visit lessa.com for detailed instructions of installation.

RECOMMENDED USE FOR 9 MM THICK - HONED AND LUX FINISH PRODUCTS (ALL COLLECTIONS)

These products are recommended for indoor floors, walls, countertops, and outdoor walls in commercial and residential application. The use of these products is not recommended for horizontal exterior surfaces that require anti-slip features. We do recommend not using the honed and Lux finish for wet areas where deposits of water are likely to occur. Landmark recommends an offset no greater than 30%, if a staggered pattern is required for tiles of 20" inches or longer. Visit lessa.com for detailed instructions of installation.

RECOMMENDED USE FOR 28 MM THICK PRODUCTS (ALL COLLECTIONS)

These products are recommended for indoor floors, walls, countertops, and outdoor floor and walls in commercial and residential application. Landmark recommends an offset no greater than 30%, if a staggered pattern is required for tiles of 20" inches or longer. Visit lessa.com for detailed instructions of installation.
18. PORCELAIN TILES AND PAVERS CARE AND MAINTENANCE

Do not apply any wax or sealer to the product after installation. Before grouting ensure that you apply a great release when using behr or lex tiles. Regular cleaning is the best way to keep honed or Lex tiles looking good. Use clean, hot water (add household cleaner for more aggressive cleaning). Rinse thoroughly and dry with a soft cloth to prevent water spots. Please visit lexa.com. For further information regarding the care and maintenance of Landmark products. The use of the Lex finish is limited to wall cladding and floor application in residential venues and in spaces subject to low footfall, avoiding the direct contact with outdoor areas which require anti-slip features.

First floor deep cleaning after installation

After Grouting the Joints (pic. 1) it is important to remove the excess grout with a sponge and clear water (pic. 2). After 12-48 hours, the grout in the joints will have “set up” hardened significantly. There will be a noticeable residual “haze”. Typically, a diluted acid cleaner specifically for removing “Grout Haze”, combined with a soft scrubbing pad will remove the majority if not all of the “Haze”. Change your acid/water solution frequently for best results. It is also recommended to keep a bucket of clean water to remove the acid/water solution. It is recommended to keep and use clean dry towels to help remove as much residual water and keep the floor as dry as possible. Please refer to the cleaning chemical company’s suggested methods and dilution rates. (pic. 3). For areas with excess grout or grout that becomes stuck to the face of the tile, further cleaning with an Acid/Water Solution may be necessary. Please refer to the Cleaning Chemical Company’s instructions as not all acids or chemicals are the same. The excess grout residue can be removed if it is not dry or stick on the surface. It is necessary to change the cleaning water frequently and rinse well. Care must be taken on inlaid, polished and especially Anti-Slip products similar to Frontier20. The use of a floor-washing machine combined with a solution of a diluted acid detergent helps reach the spaces between adjacent tiles and clean them properly. If such a cleaning procedure is not carried out, or if each cleaning is carried out too late, the great residue creates an absorbent film, which holds dirt, making the surface difficult to clean: in this case, Landmark Ceramics shall not be liable for any damage caused to the surface.

Ordinary cleaning

Ordinary maintenance must be carried out using specialized detergents to remove stains but these detergents must not leave a wax, film or membrane residue. Rinsing wall with plenty of clear water is a fundamental part of the cleaning procedure, therefore we advise against the use of products which state that they “do not need rinsing”.

Other recommendations

Bright colored products, in particular white and extra-white tiles, are very delicate, and, although for all intents and purposes are hypoallergenic, they can get dirtier more easily than darker tiles. It is therefore necessary to remember that these particular products require careful regular maintenance. Sealers are unnecessary. Sealing will change the Dynamic Co-efficient of Friction resulting in a surface that will become more slippery. Also, because Porcelain has such a low absorption the sealer will stickly stick and most likely the sealer will flake off over time.

Warnings

The above suggestions are a result of research, laboratory tests and several years’ experience. However, the cleaning features of the materials may vary significantly according to the different installation methods, conditions of use, type of surface and destination. As a general rule, the higher the anti-slip values of the tiles, the greater cleaning inaccuracies may arise. The professional operator in charge of maintenance and cleaning shall always check the surface condition before proceeding with any cleaning and/or maintenance operation (we would suggest to test some tiles before installation). Landmark Ceramics declines any liability with reference to cleaning and maintenance operations in case of heavy conditions of use (such as mechanical workshop or spaces presenting oily residues or tire marks) or bad installation work or wrong cleaning operations. It is agreed that Landmark Ceramics shall not be liable for any event, damage or defect due to wrong installation of the tiles, faulty cleaning and maintenance operations or inadequate choice of the type of material to be laid of the adhesives used in a certain destination of use.

20. PORCELAIN PAVERS: ADDITIONAL RECOMMENDATIONS FOR THE INSTALLATION, ORDINARY CLEANING AND MAINTENANCE

Landmark Ceramics recommends carrying out the procedures for the ordinary cleaning of Frontier20 floor surfaces using water and commercially available neutral detergents: the inclination of the surface and the space between adjacent slabs for dry-system installation favor the natural flow of water. However, it is important to take into consideration that any type of floor surface is subject to the surface tension effect of liquids: it is the same property of water that gives the tendency to transform into spherical droplets and which cause the curved top surface of a glass full of water. The surface tension can obstruct the complete drainage of water and cause a temporary stagnation of liquid on the slab edges. In order to avoid this problem, Landmark Ceramics recommends ensuring adequate inclination of the surface during installation so as to encourage the flow of water between adjacent slabs. Please remember in any case that, in view of the distinctive advantages of porcelain stoneware, Frontier20 absorbs practically no water, which makes it highly frost-proof. This may lead to localized water pooling, mainly on the edges of the pavers, independently of the runner and quality of the laying. Laying is also recommended with a minimum gap of 4 mm (0.16”). Should liquid deposit on the surface, it is recommended to push it towards grout lines using a brush or remove it with a wet and dry vacuum cleaner.

Specific details and instructions are given for each of the following installation options. Different climates and geographical locations will affect the thickness of the base. Depending on the location, contractors will lay the standard base thickness to install porcelain pavers for the needs of the area. When installing porcelain pavers, the building course sand must be pre-compacted and then struck off with a sawed to the required thickness as shown in the drawings. Before the laying of the porcelain pavers, the sand layer underneath must be pre-compacted. The sand layer needs to be to 2-4% moisture content to ensure a smooth strike off finish. Compacting dry sand will not give the desired results.

- Only use a paver saw with a wet cut porcelain blade to cut wet porcelain pavers.
- Before installing your porcelain pavers in sand set installations, pre-compact and strike off your sand leveling course.
- Plastic 3/16” (4mm) spacers must always be used to install pavers on sand set and permeable installations.
- Never install pavers with porcelain to porcelain contact.
- The use of plastic compactors is not recommended to be used on the porcelain pavers.

21. PORCELAIN PAVERS JOINT FILLING

When installing porcelain pavers on sand set base, fill the 4 mm (approx. 3/16”) paver joints with these options:

- Traditional sand- Fill the open joints with traditional dry sand until completely filled. Sweep any excess sand off the pavers. Reiling of the joints with sand may be needed in the future due to wind and rain erosion.
- Polymeric sand-Polymeric sand is a blend of polymers which hardens when subjected to moisture. Sweep the sand into the open joints until completely filled. All excess sand and dust must be swept from the surface. Use a blower for the final dust removal to make certain all excess sand is removed. Any residual sand and dust must be swept from the surface. The filling of the joints and the cleaning of the surface is complete, sweep the pavement with water which saturates the polymer and dries the mixture.

22. PORCELAIN PAVERS HANDLING AND SPECIALTY TOOLS

Porcelain paver pavers are shipped with a very strong plastic covering and the individual units are packed in protective cardboard boxes. The protective cardboard boxes guard them from the possibility of shipping. The handling of multiple loose boxes can result in damaging or shipping of the pavers. Protect any un-used board pavers from the elements once the plastic shipping cover is removed. This ensures the integrity of the protective cardboard boxes. Wet cut paver saw is used to cut paver accurately and cleanly to fit around edges and corners. The saw must be equipped with a diamond blade manufactured for wet cutting porcelain and designed to only cut a 24” (60 cm) length porcelain paver. A power clamp to easily handle the installation and removal of pavers. Gloves are highly recommended while handling and installing porcelain slabs to protect the hands from injury. Notched trowels and great float tools for cementitious adhesive and grout installation. Follow the adhesive and grout manufacturer’s recommendations to select the appropriate tools needed for application.
23. PORCELAIN PAVERS RAISED FLOORS INSTALLATION SYSTEMS: WARNINGS.

Landmark products are made using the best technology available, and their technical performance matches or exceeds requirements from both ASTM and ISO standards for porcelain products. Nevertheless, if the application of the 20 mm slabs requires 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 the table for raised installation provided below. In certain conditions, reinforcing must be applied on the back of the slabs (double fiberglass mesh) supplied and applied by the manufacturer:

<table>
<thead>
<tr>
<th>Slab Thickness (mm)</th>
<th>Reinforcement Type</th>
<th>Recommended Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>12.5</td>
<td>E-glass/0.305mm</td>
<td>Please contact Landmark Ceramics</td>
</tr>
<tr>
<td>15.0</td>
<td>E-glass/0.305mm</td>
<td>Please contact Landmark Ceramics</td>
</tr>
<tr>
<td>17.5</td>
<td>E-glass/0.305mm</td>
<td>Please contact Landmark Ceramics</td>
</tr>
<tr>
<td>20.0</td>
<td>E-glass/0.305mm</td>
<td>Please contact Landmark Ceramics</td>
</tr>
<tr>
<td>22.5</td>
<td>E-glass/0.305mm</td>
<td>Please contact Landmark Ceramics</td>
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<tr>
<td>24.0</td>
<td>E-glass/0.305mm</td>
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<td>25.0</td>
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<tr>
<td>26.0</td>
<td>E-glass/0.305mm</td>
<td>Please contact Landmark Ceramics</td>
</tr>
</tbody>
</table>

- 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.

- Outdoor pavings installed angled 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.

- It is recommended to carry out raised installation onto a solid, resistant substrate with the correct inclination to guarantee water draughts. Support come equipped with four spacers that allow for the creation of great lines between pavers. For a correct installation against walls or corners, it is necessary to keep the supports distant from the wall and remove 2 or 4 spacers as shown in the picture below. Landmark Ceramics recommends to strictly follow the instructions for the raised installation of Frontier20.

Failure to comply with these recommendations may lead to improper use of the product and could cause serious property damage or injury.

For further information and recommendations concerning the installation systems please refer to our website at https://hardscape.landmarkceramics.com.

NOTE: For any detail and technical specification concerning the double fiberglass mesh, please contact Landmark Ceramics. Landmark is responsible only if it supplies the whole system (paver + double fiber mesh). Landmark cannot be held responsible for reinforcing systems not supplied by Landmark.

In case of breakage, paver must be replaced immediately.

24. PORCELAIN PAVERS OTHER WARNINGS.

Outdoor pavings installed angled 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.

If the application of the 20 mm slabs requires 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. With reference to a raised floor installation: a ceramic slab may fracture on impact if a heavy object falls on it from any significant height. Therefore to prevent the risk of damage or injury, Landmark recommends to check the specific intended use before starting the installation and to follow the table for raised installation provided below. In certain conditions, reinforcing must be applied on the back of the slabs (double fiberglass mesh) supplied and applied by the Landmark. With reference to any dry installation system of flooring above the ground level, Landmark 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. Failure to adhere to Landmark’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 the Landmark Ceramics website.

All the information provided in this document can be subject to change. Please refer to our websites (https://www.landmarkceramics.com and https://hardscape.landmarkceramics.com) for the latest, most accurate and up-to-date information.