

The background of the image is a close-up of a light-colored porcelain slab with intricate, organic marbling patterns in shades of grey and taupe. The patterns resemble natural stone veins, creating a sophisticated and elegant aesthetic.

MARMOTECH Series

PORCELAIN SLAB

olympiatile+stone®

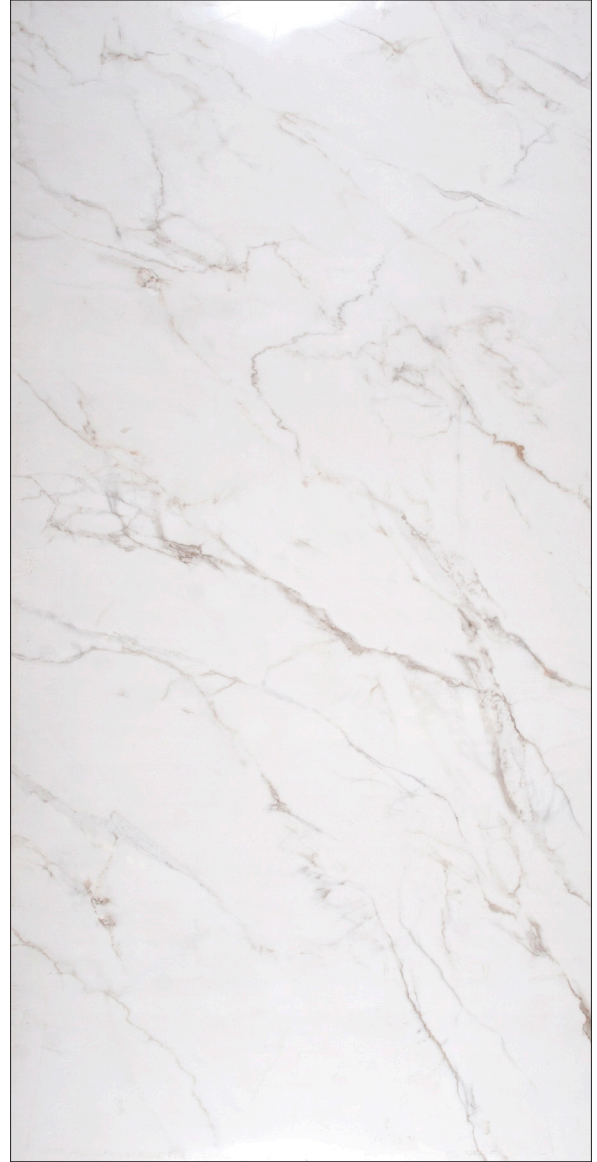
MARMOTECH (Colour-based Porcelain Slab)

Calacatta Extra Bookmatch



160 x 320 x 1.2 cm (63" x 126" x 0.5")
Matte OA.MT.CAL.BM.MT.12MM
Polished OA.MT.CAL.BM.PL12MM

Calacatta Venaoro Bookmatch



160 x 320 x 1.2 cm (63" x 126" x 0.5")
Polished OA.MT.CVO.BM.PL.12MM
Matte OA.MT.CVO.BM.MT.12MM

All items shown in this document are part of Olympia's stocking program. For special orders, please contact your Olympia Tile Sales Representative.

MARMOTECH (Colour-based Porcelain Slab)

Calacatta Borghini Bookmatch



160 x 320 x 1.2 cm (63" x 126" x 0.5")
Polished OA.MT.CAL.BGN.PL12MM

Calacatta Lincoln Bookmatch



160 x 320 x 1.2 cm (63" x 126" x 0.5")
Polished OA.MT.CAL.LIN.PL12MM

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MARMOTECH (Colour-based Porcelain Slab)

Bianco Lasa Bookmatch



160 x 320 x 1.2 cm (63" x 126" x 0.5")
Polished OA.MT.BLA.BM.PL.12MM

Crema Delicato Bookmatch



160 x 320 x 1.2 cm (63" x 126" x 0.5")
Polished OA.MT.CRM.DEL.PL12MM

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MARMOTECH (Colour-based Porcelain Slab)

Invisible Light Bookmatch



160 x 320 x 1.2 cm (63" x 126" x 0.5")
Polished OA.MT.INV.LT.PL12MM
Matte OA.MT.INV.LT.MT12MM

Invisible Blue Bookmatch



160 x 320 x 1.2 cm (63" x 126" x 0.5")
Polished OA.MT.INV.BLU.PL12MM

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MARMOTECH (Colour-based Porcelain Slab)

Zebrino Bianco Bookmatch



160 x 320 x 1.2 cm (63" x 126" x 0.5")
Polished OA.MT.ZBI.BM.PL.12MM

Blue De Savoie Bookmatch



160 x 320 x 1.2 cm (63" x 126" x 0.5")
Matte OA.MT.BLU.SAV.MT.12MM

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MARMOTECH (Colour-based Porcelain Slab)

Pietre Grey Bookmatch



160 x 320 x 1.2 cm (63" x 126" x 0.5")
Matte OA.MT.PGY.BM.MT.12MM

Nero Marquina Bookmatch



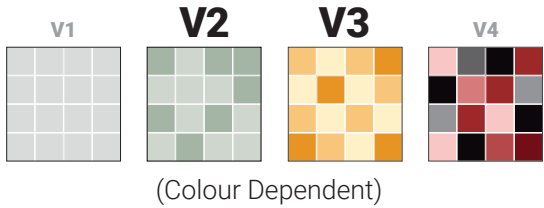
160 x 320 x 1.2 cm (63" x 126" x 0.5")
Polished OA.MT.NMQ.BM.PL.12MM

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Test	Standard Used	Min. Requirements	Results
Water Absorption	ISO 10545-3	≤ 0.5%	Conforms
Breaking Strength	ISO 10545-4	>700N	Conforms
Modulus of Rupture	ISO 10545-4	<28 N/mm ²	Conforms
Chemical Resistance	ISO 10545-13	min. UB	Conforms
Frost Resistance	ISO 10545-12	Required	Conforms
Stain Resistance	ISO 10545-14	> Class 3	Conforms

Technical data is supplied by the manufacturer and is subject to change at any time. Olympia does not provide warranties as to the specifications of any product.

Colour Variation



Member



Examples of Recommended Applications



Packing Details

TILE SIZE	UNIT/SF	KG/UNIT	UNIT/SKID	UNIT/CNTR
63" x126" x 0.5"	0.38710	6.012	98	3410

TECHNICAL MANUAL FOR MARMOTECH COLLECTION PRODUCTS

The MARMOTECH Collection Slabs in porcelain stoneware are a product obtained by compacting materials such as clays, feldspars, kaolin and quartz sands, baked in ovens at temperatures above 1,200° C.

With a size of 1,600x3,200 and 12 mm thick, the MARMOTECH Slab is suitable for the most varied applications such as kitchen tops, bathroom vanity tops, table tops and furnishing in general; façade cladding, floorings, etc....

- Hygienic surface suitable for food contact
- Easy to clean and maintain
- Frost and high temperatures resistant
- Mold- and mildew-resistant
- Highly resistant to scratches and abrasion

HANDLING

For a proper vertical handling there are suitable tools on the market specifically meant for site or storage handling.

For a single slab handling, safety ropes with a special anti-cut covering as well as specifically certified grabs should be used.

In case of multiple slabs handling, safety certified spreader bars with canvas straps with anti-cut protection should be used. In some cases, it might be helpful to place spacers underneath and above the slabs, in order to avoid breakages due to the straps stress point.

For on-site handling, we recommend the use of frames equipped with suction cups sized groups allowing to work in complete safety.

TECHNICAL HINTS FOR PROCESSING

For processing MARMOTECH materials only special equipment for the processing of porcelain stoneware can be used; particularly, never use non-specific cutting disks. The use of cutting disks meant for natural stone cutting (i.e. non-continuous rim blades), for instance, may irreparably compromise the slab, by causing its uncontrolled breakage. Always contact the tools manufacturer in order to obtain the correct information about the proper tools to perform the work.

PRELIMINARY CHECKS

- Always make sure that the work surface is level and that there are no processing residues.
- For light colors, use a reduced cutting speed compared to the one used for natural stone processing, in order to avoid cracks and creases in the material. According to the kind of equipment used, the tools manufacturer for porcelain stoneware will provide all necessary technical instructions.
- The glass fiber mat (or net) applied to the rear part of the slab creates no problem during processing; yet, the slab should be carefully checked for any irregularities on the rear due to the application of the safety net cloth; in case of irregularities, these should be removed before processing the slab.
- The distance between the hole (for the sink or the cooker) and the edge should never be less than 5 cm.; the same applies to the distance between the hole for the sink and for the tap.

Never cut holes with angles at 90 degrees.

GENERAL GUIDELINES FOR PROCESSING WITH AUTOMATIC MACHINES

WATERJET CUT

Water Jet	Min. pressure in bar	Forward movement in mm/min	Abrasive gr./min
Inlet hole	600	-	380 - 500
Cut	3500/3800	600/800	380 - 500

With a new 0,33 orifice and a new 1,02 mm focus, at peak performance, for a good cutting quality we recommend a forward movement between 700 and 800 per minute, with 400 gr. of Garnet abrasive grit and 3500/3600 BAR.

The quality of the abrasive used is fundamental.

TIPS: if possible, perform the inlet hole externally to the slab. Otherwise, perform the inlet hole a few inches away from the cutting edge and in any case never less than 9 mm.

In the corners of closed holes paths, low pressure circular drilling and minimum radius (5 mm) are recommended.

BRIDGE SAW – CNC

Disk diameter mm	Spindle revolutions (rpm)
300	600
350	3500/3800
400	1700/1900

Cutting parameters

Slab cutting entrance from above
 Straight cutting
 Inclined cutting

Forward movement mm/min

100
 1,000
 800

It is essential to use special tools for the processing of porcelain stoneware and it is highly recommended not to use other types of tools.

For instance, with a disk for cutting 300 mm stoneware and a 2500 rpm we can get a forward movement up to 800 mm/min. Of course, each piece should be evaluated in itself., according to the colors and the geometric features of the artifact to be performed.

TIPS: during the cutting operation use plenty of water and direct the waterjet as close as possible to the cutting area; an insufficient water flow causes the disk to overheat, which compromises the operation as well as the disk itself.

It is also recommended to reduce the rotation speed when the tool enters and exits the slab.

GENERAL GUIDELINES FOR ON-SITE PROCESSING

For a good cutting and drilling performance, place the slab on a stable, flat and non-flexible surface (an aluminum profiled bench). For the cutting operation, use the aluminum guide with suction cups; the cut can be performed with a simple cutting cart. Once engraving has been carried out, move the slab outward and let it protrude about 10 cm; then, with the use of cutter pliers, begin to cut starting first from the two ends and following the engraving line.

For slab internal cuts it is recommended to draw some guidelines. In addition, in order to limit the occurrence of breakage, it is recommended to perform a hole of Ø 5 mm at the corners (with the use of a non-percussive drill). While drilling holes it is necessary to damp both the slab and the drilling bit. Follow the drawn guidelines with an angular grinder equipped with a diamond disk and then finish the edges with a diamond pad. In case of 45 ° cuts, traction devices are available.

Recommended FLEXILE Installation Systems

For other suitable options & complete installation details, visit www.flextile.net

PRODUCT	WALL APPLICATION		FLOOR APPLICATION	
	Interior	Exterior	Interior	Exterior
TILE BOND COAT	<ul style="list-style-type: none"> • 51/44 Two-Component • 5400 Maxi-Flex 	<ul style="list-style-type: none"> • 51/44 Two-Component • 5400 Maxi-Flex 	<ul style="list-style-type: none"> • 51/44 Two-Component • 5400 Maxi-Flex 	<ul style="list-style-type: none"> • 51/44 Two-Component • 5400 Maxi-Flex
GROUT	<ul style="list-style-type: none"> • 500 PM Unsanded • 600 PM Sanded • 1600 RSG Fast Set • ColourMax Plus Quartz 	<ul style="list-style-type: none"> • 600 PM Sanded • 1600 RSG Fast Set 	<ul style="list-style-type: none"> • 600 PM Sanded • 1600 RSG PM Sanded • ColourMax Plus Quartz 	<ul style="list-style-type: none"> • 600 PM Sanded • 1600 RSG PM Sanded
CAULKING	Ultra Performance Hybrid Caulk (colour-matched to grout)	Ultra Performance Hybrid Caulk (colour-matched to grout)	Ultra Performance Hybrid Caulk (colour-matched to grout)	Ultra Performance Hybrid Caulk (colour-matched to grout)

SURFACE PREPARATION (If Required)

- **Floor levelling:** 59 Flex Flo / 5900 Flex Flo Plus Self Levelling Underlayment
- **Waterproofing:** WP900 Waterproof Membrane
- **Crack Isolation/Uncoupling:** Flexilastic 1000 Crack Isolation Membrane / FlexMat Uncoupling Membrane

*For a complete listing of FLEXILE products and accessories including Sound Control, In-Floor Heating, and further setting options, please visit www.flextile.net



“MORE” Surface Care Product Guide

Task	Product Recommendation	Dilution with Water	Frequency
Grout Sealing	MORE™ Grout, Ceramic & Porcelain Sealer	Ready to use	Commercial: 1-3 Years Residential: 5-8 Years
Daily Maintenance	MORE™ Stone and Tile Cleaner	1 : 128 Ratio	Daily
Deep Cleaning	MORE™ Alkaline Cleaner	1 : 4 Ratio	As Needed
Grout Haze- Cementitious	MORE™ Acidic Cleaner	1 : 4 Ratio	As Needed
Grout Haze - Epoxy / Urethane	MORE™ Coating Stripper*	Ready to use	As Needed

*Always test in an inconspicuous area to make sure the product is achieving the desired results and is not damaging the finish of the surface.





Colour may vary slightly from images shown. It is highly recommended to view physical samples of tile prior to purchase. Note that shade variations between tiles is characteristic and adds to the inherent beauty of the product. Please visit a showroom near you or request a sample from your Olympia Tile Sales Representative.

It is Olympia Tile's policy to stock all items for sale. Should you require additional sizes, finishes or colours, Olympia has a Special Order Department to help find exactly what you are looking for. Please contact your Olympia Tile Sales Representative for more details. Note that minimum order quantities and longer lead times apply to all special order items.

the olympiatile+stone® group

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CANADA-US BRANCH LIST DATE REV 04-13-2022RM
REV 05-17-2023 NEN

All sales and transactions are subject to our terms and conditions of sale, available on our website.

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