

MARMILINE ENGINEERED STONE



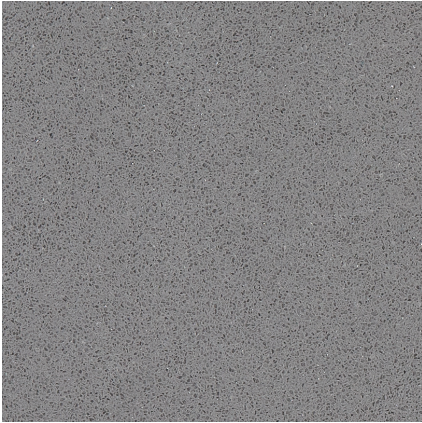
## MARMILINE ENGINEERED STONE



MARMILINE SNOW POLISHED ENGINEERED STONE



MARMILINE IVORY POLISHED ENGINEERED STONE



MARMILINE SHADOW POLISHED ENGINEERED STONE



MARMILINE PEARL POLISHED ENGINEERED STONE



MARMILINE ASH POLISHED ENGINEERED STONE

## MARMILINE ENGINEERED STONE



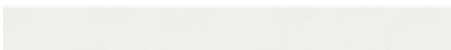
18" x 47.2" MARMILINE SNOW POLISHED ENGINEERED STONE BENCH  
5503-0000-0



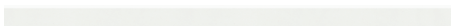
6" x 76" MARMILINE SNOW POLISHED ENGINEERED STONE SILL  
5502-0000-0



6" x 94.5" MARMILINE SNOW POLISHED ENGINEERED STONE SILL  
5502-0005-0



4" x 36" MARMILINE SNOW POLISHED ENGINEERED STONE THRESHOLD  
5502-0015-0



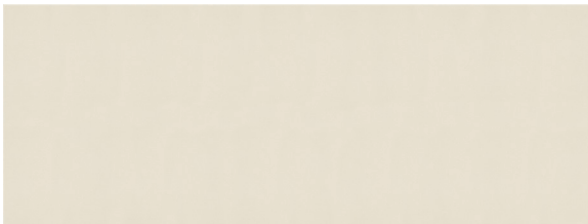
2" x 36" MARMILINE SNOW POLISHED ENGINEERED STONE THRESHOLD  
5502-0010-0



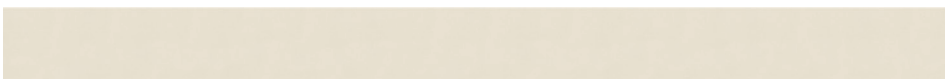
8.9" MARMILINE SNOW POLISHED  
ENGINEERED STONE ROUND  
CORNER SHELF 5503-0005-0



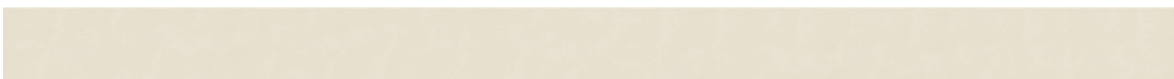
## MARMILINE ENGINEERED STONE



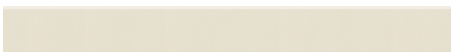
18" x 47.2" MARMILINE IVORY POLISHED ENGINEERED STONE BENCH  
5503-0001-0



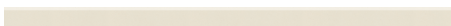
6" x 76" MARMILINE IVORY POLISHED ENGINEERED STONE SILL  
5502-0001-0



6" x 94.5" MARMILINE IVORY POLISHED ENGINEERED STONE SILL  
5502-0006-0



4" x 36" MARMILINE IVORY POLISHED ENGINEERED STONE THRESHOLD  
5502-0016-0



2" x 36" MARMILINE IVORY POLISHED ENGINEERED STONE THRESHOLD  
5502-0011-0



8.9" MARMILINE IVORY POLISHED  
ENGINEERED STONE ROUND  
CORNER SHELF 5503-0006-0

## MARMILINE ENGINEERED STONE



18" x 47.2" MARMILINE SHADOW POLISHED ENGINEERED STONE BENCH  
5503-0004-0



6" x 76" MARMILINE SHADOW POLISHED ENGINEERED STONE SILL  
5502-0004-0



6" x 94.5" MARMILINE SHADOW POLISHED ENGINEERED STONE SILL  
5502-0009-0



4" x 36" MARMILINE SHADOW POLISHED ENGINEERED STONE THRESHOLD  
5502-0019-0



2" x 36" MARMILINE SHADOW POLISHED ENGINEERED STONE THRESHOLD  
5502-0014-0

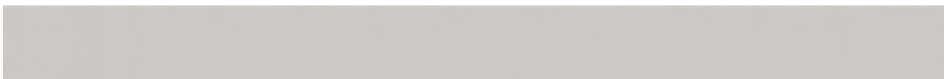


8.9" MARMILINE SHADOW POLISHED  
ENGINEERED STONE ROUND  
CORNER SHELF 5503-0009-0

## MARMILINE ENGINEERED STONE



18" x 47.2" MARMILINE PEARL POLISHED ENGINEERED STONE BENCH  
5503-0003-0



6" x 76" MARMILINE PEARL POLISHED ENGINEERED STONE SILL  
5502-0003-0



6" x 94.5" MARMILINE PEARL POLISHED ENGINEERED STONE SILL  
5502-0008-0



4" x 36" MARMILINE PEARL POLISHED ENGINEERED STONE THRESHOLD  
5502-0018-0

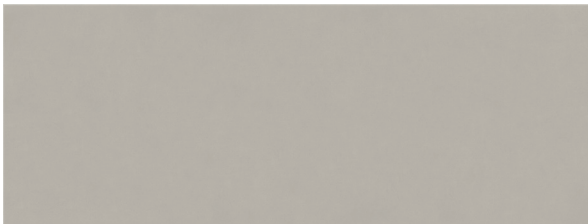


2" x 36" MARMILINE PEARL POLISHED ENGINEERED STONE THRESHOLD  
5502-0013-0



8.9" MARMILINE PEARL POLISHED  
ENGINEERED STONE ROUND  
CORNER SHELF 5503-0008-0

## MARMILINE ENGINEERED STONE



18" x 47.2" MARMILINE ASH POLISHED ENGINEERED STONE BENCH  
5503-0002-0



6" x 76" MARMILINE ASH POLISHED ENGINEERED STONE SILL  
5502-0002-0



6" x 94.5" MARMILINE ASH POLISHED ENGINEERED STONE SILL  
5502-0007-0



4" x 36" MARMILINE ASH POLISHED ENGINEERED STONE THRESHOLD  
5502-0017-0



2" x 36" MARMILINE ASH POLISHED ENGINEERED STONE THRESHOLD  
5502-0012-0



8.9" MARMILINE ASH POLISHED  
ENGINEERED STONE ROUND  
CORNER SHELF 5503-0007-0

## MARMILINE ENGINEERED STONE



ENGINEERED STONE SILL & BENCH



ENGINEERED STONE SILL & BENCH



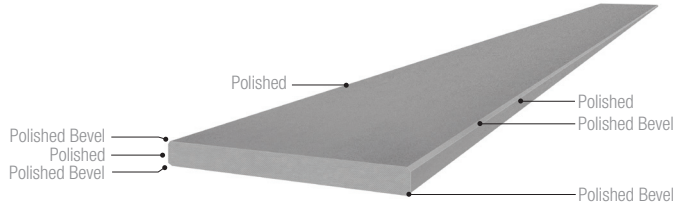
ENGINEERED STONE THRESHOLD & SILL

- Engineered stone is durable, easy to clean and maintain
- Ideal option to trim showers, window sills, niches and tub surrounds
- Easy to cut, bevel and polish on site as needed
- Optional trim pieces include corner shelves, benches and door thresholds

- Large format, seamless consistent appearance
- Creates a clean custom fabricated look
- Minimal grout means less area for stains and maintenance
- Creates a flat, even surface to easily mount fixtures
- Less time to install than multi-piece alternatives



## MARMILINE ENGINEERED STONE SILL



### Sealing:

All engineered stone must be sealed using a high-quality impregnating sealer prior to installation to minimize staining following the manufacturer's instructions, and reapply the protective plastic to prevent any damage during installation. It is strongly recommended to seal the engineered stone again after installation to reseal any areas that may have been affected during the installation process. Note that sealing will not prevent staining and etching – it is important that all spills are wiped immediately to avoid setting into the material.

### General Care & Maintenance:

- Wipe up any spills on the tile immediately and clean the area using a damp cloth or sponge.
- Inspect all product prior to installation by removing plastic for any color/shade variation and verifying size, thickness, bevel, and polishing defects.
- Seal the engineered stone using a high quality impregnating sealer and re-apply plastic covering onto stone to protect product during installation.
- Do not expose engineered stone to any strong chemicals and solvents, or any acidic or alkali products.
- Do not expose engineered stone to any dyes or color-treating products.
- Do not expose engineered stone to products containing any oils or powders.
- Daily cleaning: use a soft cloth with warm water and small amount of mild PH neutral non-pigmented cleaner (non-abrasive and does not contain bleach).
- Do not use abrasives, steel wool, or any products that may scratch the surface.
- For light stains, gently apply rubbing alcohol to the stain. Rinse and wipe dry. Reseal after this method.
- For heavier stains, soak a cloth with a 50/50 mix of bleach and water. Leave on top of the stain for 10 minutes, but no longer than 30 minutes. Rinse and wipe dry. Reseal after this method.

- Do not expose engineered stone to sudden and rapid temperature changes.
- Note: engineered stone products are not recommended for steam showers.
- Contact a professional stone restoration company to treat any engineered stone with stubborn stains and/or etching.

### How to install:

1. Cut the engineered stone (face side up) to the required length with a circular saw, or wet saw.
2. Clean surface thoroughly prior to adhering the threshold to the shower curb.
3. Seal the engineered stone using a high quality impregnating sealer as noted above, and reapply the protective plastic to prevent any damage during installation.
4. Adhere threshold to curb using a modified polymer thinset.
5. Build up outside edge of curb with thinset to create a ¼" slope towards the inside of the shower for proper drainage when using as a shower sill.
6. Caulk at the walls and under the sill using silicone caulking to prevent water leaks.
7. Refer to the TCNA (Tile Council of North America) Handbook for further information regarding installation requirements at <http://www.tcnatile.com/>

NOTE: NO CLAIMS WILL BE ACCEPTED AFTER THE MATERIAL HAS BEEN INSTALLED.

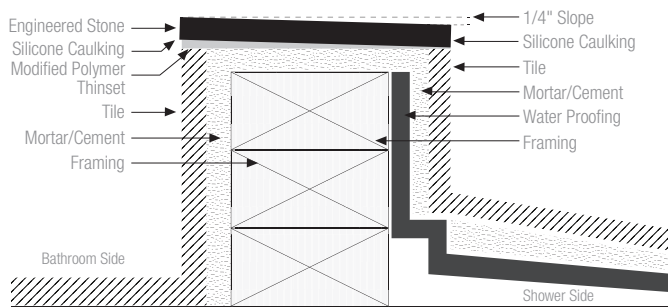
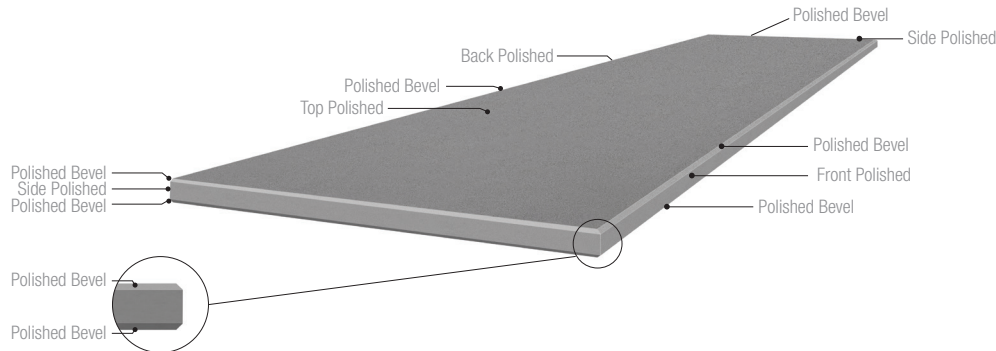


Fig.1 Installation Diagram

## MARMILINE ENGINEERED STONE BENCH



### Sealing:

All engineered stone must be sealed using a high-quality impregnating sealer prior to installation to minimize staining following the manufacturer's instructions, and reapply the protective plastic to prevent any damage during installation. It is strongly recommended to seal the engineered stone again after installation to reseal any areas that may have been affected during the installation process. Note that sealing will not prevent staining and etching – it is important that all spills are wiped immediately to avoid setting into the material.

### General Care & Maintenance:

- Wipe up any spills on the tile immediately and clean the area using a damp cloth or sponge.
- Inspect all product prior to installation by removing plastic for any color/ shade variation and verifying size, thickness, bevel, and polishing defects.
- Seal the engineered stone using a high quality impregnating sealer and re-apply plastic covering onto stone to protect product during installation.
- Do not expose engineered stone to any strong chemicals and solvents, or any acidic or alkali products.
- Do not expose engineered stone to any dyes or color-treating products.
- Do not expose engineered stone to products containing any oils or powders.
- Daily cleaning: use a soft cloth with warm water and small amount of mild PH neutral non-pigmented cleaner (non-abrasive and does not contain bleach).
- Do not use abrasives, steel wool, or any products that may scratch the surface.
- For light stains, gently apply rubbing alcohol to the stain. Rinse and wipe dry. Reseal after this method.
- For heavier stains, soak a cloth with a 50/50 mix of bleach and water. Leave on top of the stain for 10 minutes, but no longer than 30 minutes. Rinse and wipe dry. Reseal after this method.
- Do not expose engineered stone to sudden and rapid temperature changes.

- Note: engineered stone products are not recommended for steam showers.
- Contact a professional stone restoration company to treat any engineered stone with stubborn stains and/or etching.

### How to install:

1. Cut the engineered stone (face side up) to the required length with a circular saw, or wet saw.
2. Note that there are several choices for the framing construction on which the engineered stone must rest upon. After-market and pre-fabricated benches can be used, or a rigid structure can be created with the use of a suitable substrate and a waterproof membrane such as a Kerdi-board. Consult with your certified contractor as to which system best suits your particular installation and local building codes.
3. NOTE: A free floating bench installation cannot be used with this engineered stone.
4. Ensure that the top of the bench is sloped with a ¼" angle toward the front of the bench to allow proper drainage of liquid.
5. Seal the engineered stone using a high quality impregnating sealer as noted above and reapply the protective plastic to prevent any damage during installation.
6. Install the engineered stone benchtop using a premium, unmodified thinset.
7. Important notes: waterproofing on the walls must be continuous from the wall, over the top of the bench sub-structure, and down over the face. The top of the bench must be sloped towards the drain. If using a wooden bench frame, waterproofing is required and must be tied into the floor and wall membranes.
8. Refer to the TCNA (Tile Council of North America) Handbook for further information regarding installation requirements at <http://www.tcnatile.com/>

NOTE: NO CLAIMS WILL BE ACCEPTED AFTER THE MATERIAL HAS BEEN INSTALLED.

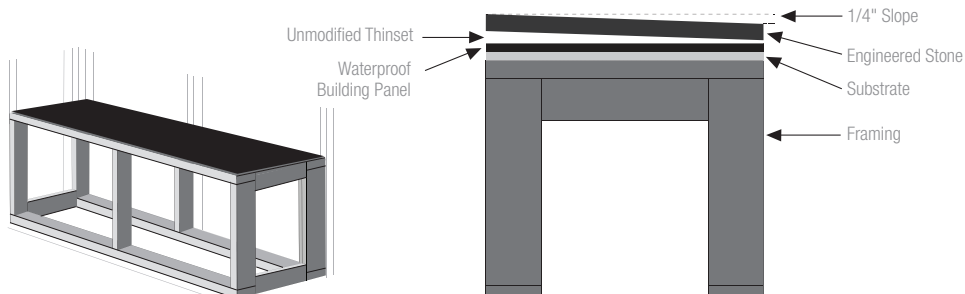
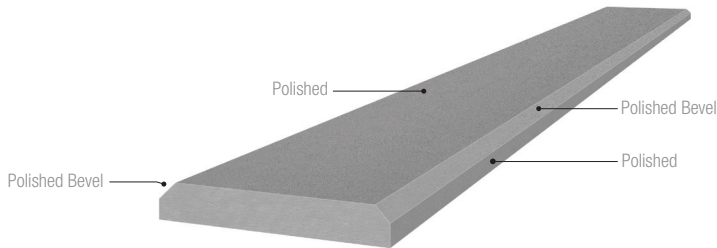


Fig.1 Installation Diagram

## MARMILINE ENGINEERED STONE THRESHOLD



### Sealing:

All engineered stone must be sealed using a high-quality impregnating sealer prior to installation to minimize staining following the manufacturer's instructions, and reapply the protective plastic to prevent any damage during installation. It is strongly recommended to seal the engineered stone again after installation to reseal any areas that may have been affected during the installation process. Note that sealing will not prevent staining and etching – it is important that all spills are wiped immediately to avoid setting into the material.

### General Care & Maintenance:

- Wipe up any spills on the tile immediately and clean the area using a damp cloth or sponge.
- Inspect all product prior to installation by removing plastic for any color/ shade variation and verifying size, thickness, bevel, and polishing defects.
- Seal the engineered stone using a high quality impregnating sealer and re-apply plastic covering onto stone to protect product during installation.
- Do not expose engineered stone to any strong chemicals and solvents, or any acidic or alkali products.
- Do not expose engineered stone to any dyes or color-treating products
- Do not expose engineered stone to products containing any oils or powders.
- Daily cleaning: use a soft cloth with warm water and small amount of mild PH neutral non-pigmented cleaner (non-abrasive and does not contain bleach).
- Do not use abrasives, steel wool, or any products that may scratch the surface.
- For light stains, gently apply rubbing alcohol to the stain. Rinse and wipe dry. Reseal after this method.
- For heavier stains, soak a cloth with a 50/50 mix of bleach and water. Leave on top of the stain for 10 minutes, but no longer than 30 minutes. Rinse and wipe dry. Reseal after this method.

- Do not expose engineered stone to sudden and rapid temperature changes.
- Avoid aggressive and heavy foot traffic to the engineered stone.
- Note: engineered stone products are not recommended for steam showers.
- Contact a professional stone restoration company to treat any engineered stone with stubborn stains and/or etching.

### How to install:

1. Clean the area of installation by sweeping or vacuuming thoroughly, ensuring that no dirt or debris is in the area.
2. Cut the engineered stone (face side up) to the required length with a circular saw, or wet saw.
3. Clean surface thoroughly prior to adhering the threshold.
4. Seal the engineered stone using a high-quality impregnating sealer as noted above, and reapply the protective plastic to prevent any damage during installation.
5. Spread a thin layer of thinset directly onto area of installation, using a ¼" inch notched trowel to spread evenly.
6. Adhere threshold to installation area onto thinset, ensuring that it is lined up correctly before pushing firmly to secure.
7. Wait for 72 hours to allow the thinset to cure and bond to the engineered stone.
8. Refer to the TCNA (Tile Council of North America) Handbook. For further information regarding installation requirements at <http://www.tcnatile.com>.

NOTE: NO CLAIMS WILL BE ACCEPTED AFTER THE MATERIAL HAS BEEN INSTALLED.

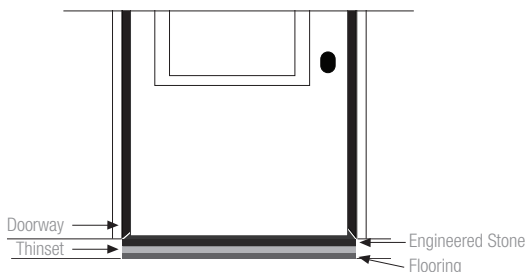


Fig.1 Installation Diagram

## MARMILINE ENGINEERED STONE ROUND CORNER SHELF



### Sealing:

All engineered stone must be sealed using a high-quality impregnating sealer prior to installation to minimize staining following the manufacturer's instructions. It is strongly recommended to seal the engineered stone again after installation to reseal any areas that may have been affected during the installation process. Note that sealing will not prevent staining and etching – it is important that all spills are wiped immediately to avoid setting into the material.

### General Care & Maintenance:

- Wipe up any spills on the tile immediately and clean the area using a damp cloth or sponge.
- Inspect all product prior to installation by removing plastic for any color/ shade variation and verifying size, thickness, bevel, and polishing defects.
- Seal the engineered stone using a high quality impregnating sealer and re-apply plastic covering onto stone to protect product during installation.
- Do not expose engineered stone to any strong chemicals and solvents, or any acidic or alkali products.
- Do not expose engineered stone to any dyes or color-treating products.
- Do not expose engineered stone to products containing any oils or powders.
- Daily cleaning: use a soft cloth with warm water and small amount of mild PH neutral non-pigmented cleaner (non-abrasive and does not contain bleach).
- Do not use abrasives, steel wool, or any products that may scratch the surface.
- For light stains, gently apply rubbing alcohol to the stain. Rinse and wipe dry.
- For heavier stains, soak a cloth with a 50/50 mix of bleach and water. Leave on top of the stain for 10 minutes, but no longer than 30 minutes. Rinse and wipe dry.

- Do not expose engineered stone to sudden and rapid temperature changes.
- Note: engineered stone products are not recommended for steam showers.
- Contact a professional stone restoration company to treat any engineered stone with stubborn stains and/or etching.

### How to install:

1. Clean the area of installation by sweeping or vacuuming thoroughly, ensuring that no dirt or debris is in the area.
2. Cut the engineered stone (face side up) to the required length with a circular saw, or wet saw.
3. Clean surface thoroughly prior to adhering the threshold.
4. Seal the engineered stone using a high-quality impregnating sealer as noted above, and reapply the protective plastic to prevent any damage during installation.
5. Spread a thin layer of thinset directly onto area of installation, using a ¼" inch notched trowel to spread evenly.
6. Adhere threshold to installation area onto thinset, ensuring that it is lined up correctly before pushing firmly to secure.
7. Wait for 72 hours to allow the thinset to cure and bond to the engineered stone.
8. Refer to the TCNA (Tile Council of North America) Handbook. For further information regarding installation requirements at <http://www.tcnatile.com>.

NOTE: NO CLAIMS WILL BE ACCEPTED AFTER THE MATERIAL HAS BEEN INSTALLED.

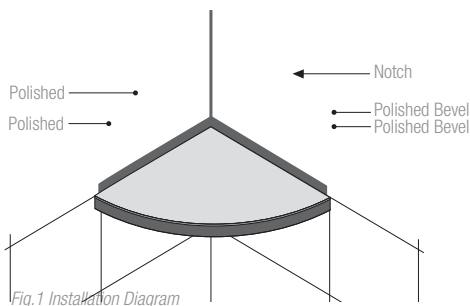


Fig.1 Installation Diagram

## MARMILINE ENGINEERED STONE

### PACKAGING INFORMATION

DESCRIPTION	PCS/BOX	LBS/PC	LBS/BOX	PCS/SKID
18" x 47.2" MARMILINE POLISHED ENGINEERED STONE BENCH	n/a	50.71	n/a	30
6" x 76" MARMILINE POLISHED ENGINEERED STONE SILL	n/a	26.90	n/a	60
6" x 94.5" MARMILINE POLISHED ENGINEERED STONE SILL	n/a	33.51	n/a	60
4" x 36" MARMILINE POLISHED ENGINEERED STONE THRESHOLD	5	8.38	41.89	240
2" x 36" MARMILINE POLISHED ENGINEERED STONE THRESHOLD	10	4.19	41.89	480
8.9" MARMILINE POLISHED ENGINEERED STONE CORNER SHELF	10	3.15	31.52	400

### GENERAL SPECIFICATIONS

DESCRIPTION	METHOD	UNIT	CORNER SHELF	THRESHOLD	THRESHOLD	SILL	SILL	BENCH
ACTUAL SIZE		mm	225 x 225 mm	51 x 914 mm	102 – 914 mm	152 x 1930 mm	152 x 2400 mm	457 x 1198 mm
		in	8.9" x 8.9"	2" x 36"	4" x 36"	6" x 76"	6" x 94"	18" x 47.2"
THICKNESS		mm – in	15 mm – 5/8"	15 mm – 5/8"	15 mm – 5/8"	15 mm – 5/8"	15 mm – 5/8"	15 mm – 5/8"
ABSORPTION BY WEIGHT	ASTM C97	( % )	0.10	0.10	0.10	0.10	0.10	0.10
DENSITY	ASTM C97	(lbs./ft3.)	150	150	150	150	150	150
COMPRESSIVE								
STRENGTH (DRY)	ASTM C170	(psi)	18500	18500	18500	18500	18500	18500
COMPRESSIVE								
STRENGTH (WET)	ASTM C170	(psi)	21000	21000	21000	21000	21000	21000
MODULUS OF RUPTURE (DRY)	ASTM C99	(psi)	4500	4500	4500	4500	4500	4500
MODULUS OF RUPTURE (WET)	ASTM C99	(psi)	4500	4500	4500	4500	4500	4500
ABRASION RESISTANCE	ASTM C241		Min. Ha 25	Min. Ha 25	Min. Ha 25	Min. Ha 25	Min. Ha 25	Min. Ha 25
SCRATCH HARDNESS	ASTM C241	(Mohs)	7	7	7	7	7	7
FLEXORAL STRENGTH	ASTM C880	(psi)	1569 (10.82 Mpa)	1569 (10.82 Mpa)	1569 (10.82 Mpa)	1569 (10.82 Mpa)	1569 (10.82 Mpa)	1569 (10.82 Mpa)
DCOF (WET)	ANSI B101.3		< 042	< 042	< 042	< 042	< 042	< 042
BOND STRENGTH	ASTM C482 - 02 (2014)	(psi)	Pass (> = 50 psi)	Pass (> = 50 psi)	Pass (> = 50 psi)	Pass (> = 50 psi)	Pass (> = 50 psi)	Pass (> = 50 psi)
SHADE VARIATION			V1	V1	V1	V1	V1	V1

\* While the information has been presented with all due care, Anatolia Tile and Stone Inc. does not warrant the information is free from errors or omission. Actual colors may vary depending on product.