CROCODILE





Install Big Slab
with Full Confidence

Innovation for Your Family's Happiness

Extra Large
Extreme Power

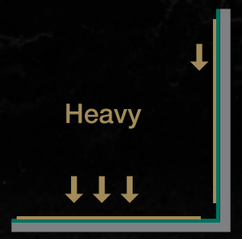
Classy tile must come with "Confidence"

Nowadays larger tiles are more commonly used for house and building decoration for a seamless, natural pattern, that accommodates the open design with space from the high ceiling to the floor. One important thing is safety, as the big slab is large, heavy and subjected to higher stress, lipping and twisting than normal tiles. The trending practice of close tiling and smalling grouting groove also gives little room for expansion and contraction, putting the big slab at risk of becoming loose. Therefore, much attention is need for big slab installation through the use of X-Treme Crocodile Tile Adhesive, an innovative tile adhesive that can answer all problems.





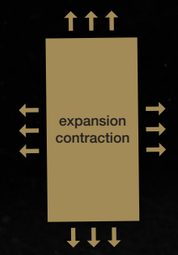
Three factors to consider for big slab installation



1. Big slab is heavy



2. Lipping and twisting due to the larger size of big slab



3. Thermal expansion/contraction of the big slab

Especially high-adhesive tile adhesive is needed for the big slab. If tile adhesive with insufficient adhesion is used, the tile might loosen and cause damage to life and property.

Tile adhesive for big slab with professional installation

Big slab tiling needs highly-experienced technicians. Dedicated cutting and installation tools are also important for perfect, professional installation. Big slabs are installed in following steps:

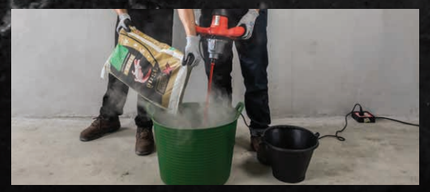


1. Measure the area, and then a special moving tool is used to move a big slab to the desired area.



Electric tile cutter, TC-125 KIT SET

2. Use an electric cutter to cut the big slab to a desired size.



3. Mix X-Treme Crocodile Tile Adhesive with water at the ratio of 4:1 by volume. An electric cement mixer is used to stir everything together.



4. Use the smooth side of a comb trowel to apply the tile adhesive on the wall or floor, and then use the comb side to comb the tile adhesive in a 45-degree angle, in the same direction with the shorter side of the tile.



5. Use the smooth side of a comb trowel to apply the tile adhesive to the back of the big slab to prevent lipping, and then a 3mm comb trowel is used to comb the tile adhesive in a 45-degree angle, in the same direction with the shorter side of the tile.



6. The special moving tool is used to move the big slab to the desired position. An aligner is used to place the big slab, then a rubber hammer is used on the big slab, before grouting.

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U.S.A. Standard from the Crocodile Family

Jorakay Corporation Co., Ltd.

Install Big Slabs with Confidence

X-Treme Crocodile Tile Adhesive is another step for innovation for confidence in safety, through maximum adhesion. The first in Thailand, with world standard. Specifically developed for big slabs with special properties, high adhesion, flexibility, ability to take high tile expansion and contraction, durability against the elements, and can be used for indoor and outdoor tiling, keeping the surface classy and elegant for much longer.

X-Treme Crocodile Tile Adhesive, the first in Thailand to pass the highest standard of both USA standard, ANSI 118.15, and weight-bearing for big slabs and European standard, EN C2S2E on flexibility, so no more worries about tile lipping, and contraction / expansion.



Bathroom

Moisture-resistant and high tolerant of tile expansion/contraction, reducing the risk of lipping.



Kitchen

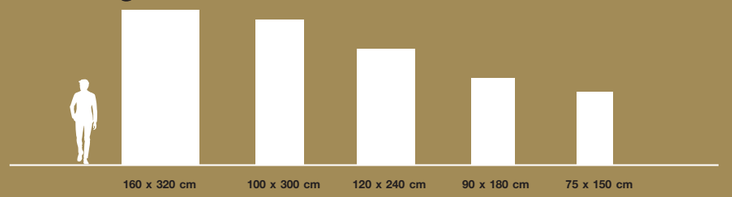
Large kitchen counter, install with confidence

Properties

- Comply the highest standard of both USA standard, ANSI 118.15, and European standard, EN C2S2E.
- For installation of porcelain, marble, granite and natural rock slabs.
- Very high adhesion and resistance to elements.
- Good for all surfaces, floor and wall, indoor and outdoor.



Extra big slab

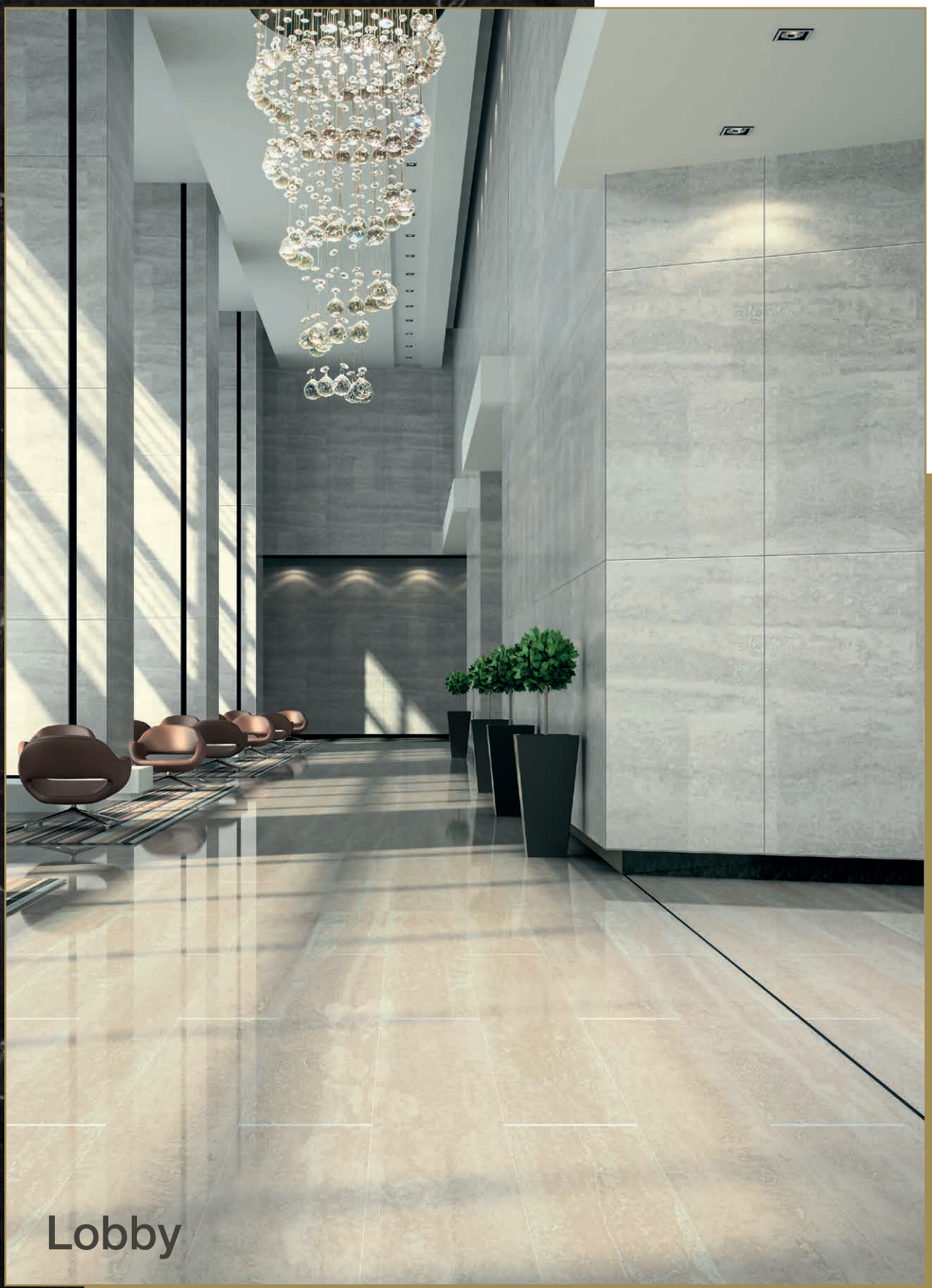


USA Standard

Test Method by USA Standard	ANSI A 118.15	ANSI A 118.15	X-Treme Crocodile Tile Adhesive
Shear strength after 28 days	Part 7.2.5	> 400 psi	> 500 psi
Shear strength after 28 days with heat aging	Part 7.2.7	> 400 psi	> 900 psi

European Standard

Test Method by EN 12004	EN 12004	EN C2S2E	X-Treme Crocodile Tile Adhesive
Tensile adhesion strength Adhesion between the tile adhesive and tile. (28 days, standard condition)	Part 4.4.4.2	C2 > 1.0 N/mm^2	> 2.0 N/mm^2
Transverse deformation - Ability to take transverse deformation before plastic deformation.	Part 4.5	S2 > 5 mm	> 5 mm
Open Time : Tensile Adhesion Strength - 30 minutes after application before tiling, and measured after 28 days.	Part 4.1	E > 0.5 N/mm^2	> 1.5 N/mm^2



Lobby



Living Room

Duplex living room wall with big, seamless marble slab in full view, from the ceiling to the floor.