



# 2019 MOSAIC TILE INSTALLATION GUIDE



**Mosaic Sheets Installation process**

**Equipment and Tools**

	<p>Diamond disc used to cut mosaics</p>		<p>Finish Nails</p>
	<p>1/16 - 3/16V Notch Trowel</p>		<p>Sponge</p>
	<p>Grout Float</p>		<p>Bucket</p>
	<p>Level</p>		<p>Un-Sanded Grout</p>

### **preparation process of Substrate:**

It is a requirement that substrate should be compact, clean and effectively flat and free of cracks and dirt. The wire and nylon brush can be utilized in washing the surface in case of any residue. If it's not possible for the brush to clean the whole residue one can utilize sandblasting or bead blasting. The uneven surface area should be fixed and also compound leveling might be required to ensure there is a flat surface. The crack suppression patch or membrane are used to fix the small cracks. In case there are large cracks, one need to get an engineer to assess since they might bring challenges in the future.

Enough time is required to make sure that the substrate has settled following the recommendations of the manufacturers. It is advisable not to directly install mosaic tiles over drywall or plywood.

### **Laying Mosaic:**

The mosaic sheets should be inspected before installation process to ensure that materials have no defects. The other step is that the point of starting where to begin guidelines which will assist in layout to be symmetrical and straight while installing. The trowel size depends on how thick the mosaic tiles are, meaning that the smaller the material it is in the same way that the trowel is small.

Unless the customer specifies otherwise, the mosaic should be laid on mastic which is thinset or white to avoid any form of changing the color. The white thinset is normally recommended to utilize to the glass and also for particular other transparent and light products to make sure that there is no discoloration to the background.

<p>Immediately after the marking of the starting grid, a thinset layer should be applied to utilize the flat side trowel which is v-notched. The notched side is also utilized to be over the thinset ensure that there is a uniform depth.</p> <p>It is also important to apply appropriate adhesive to the area enough to tile in 15 mins since the quickly dries.</p>	
<p>Immediately the adhesive is completely spread within the surface begin laying the mosaic sheet down.</p>	
<p>The other step involves pressing the mosaic sheet utilizing the grout float against the surface to ensure that there is a perfect adhesion. By the use of the same tool ensure correction of any errors in alignment by lightly tapping sheet's sides.</p> <p>When the sheets begin to slide down, then place just a few finish nails within the line of last grout on the top ensure its in place and move to the other tile.</p>	

After every section is complete, utilize the damp sponge to wash away any remaining residues within the thinset that might exist between the tiles. Thinset normally needs 24 hours minimum for curing, and for more check of time, kindly check the recommendation of the manufacturers.

**Grouting and Last Cleaning:**

<p>Apply the grout within the tiles utilizing the grout float. Utilize also the horizontal and vertical stroke to ensure spreading of the grout. To ensure that every joint is effectively fixed, apply pressure to it.</p>	
<p>The fresh grout is diagonally stroked especially the grout float long edge to remove grout which are excess and then clean it using the wet sponge.</p>	

It is recommended that Un-sanded grout is used for mosaic sheets because of the small grout joints. The sanded grout should not be used on polished glass mosaics because there is the risk of scratching the material. Epoxy grouts should not be used for the glass mosaic tiles unless the manufacturer specified.

Immediately the grout is completely set and also dry and also if there is still remaining residue utilize nylon brush to clean up and then utilize the grout sealer in relation to instructions of manufacturers.

### **Cutting Mosaic process utilizing Wet Saw:**

To cut the mosaic within the wet saw, place a piece of hard plastic or tile down to cutting tray. It is important to ensure that the mosaic is not falling towards the wide opening within the blade channel tray to ensure that there is a straight good cut.