

Tile Levelling System

In this article, we will explain why it is worth to use a tile levelling system for your tiling project. The most crucial factor in tiling is to get the finished floor correctly levelled. For both safety and precision, it is recommended to use the tile levelling system. A handy kit comes with all you need, but if you decide to choose only particular spacers, clips, pliers or wedges all can be bought separately. It might be the investment for the one-off project depending on the size of the area to tile, but for the professional tiler it is a must have set. Tile levelling system ensures all tiling is right from the start and uneven floors are no longer a problem.

Marten is a Polish company that manufacture the accessories for ceramic tiles. The high quality of their products makes Marten the leader on the market of fasteners for the construction industry for both commercial and residential projects. Marten is one of the largest manufacturers of fasteners and tiling accessories in Europe. Ceramic tiles constitute one of the most popular methods of finishing walls and floors. Typically used in bathrooms and kitchens

and increasingly popular in other rooms. Thanks to Marten's products, it is possible to correctly and efficiently layout tiles.

The good quality tiling accessories ensure fast and easy assembly of tiles on both walls and floors. The levelling system consists of various accessories what significantly reduce the time of tiling, provides perfect joints and links due to the variety of sizes available. All items can be bought separately depend-

ing on the needs what allows for universal application options.

Achieving a perfectly tiled floor is not a problem if there is a good quality system for floor levelling. This is the revolution in the tiling industry. These systems consist of the spacer that locks in below the tile and the wedge that slides into the top securing tiles underneath. This system improves the quality of tilework and reduces the time of application. It interlocks tiles and prevents them from moving. The finished floor is lippage-free as the system adjust the height of the tiles and holds their edges during the adhesive's curing process. The removal is easy thanks to specially designed break off points. This system is ideal for all tiles format and styles including large-format rectified porcelain, thin porcelain tile, marble and stone.

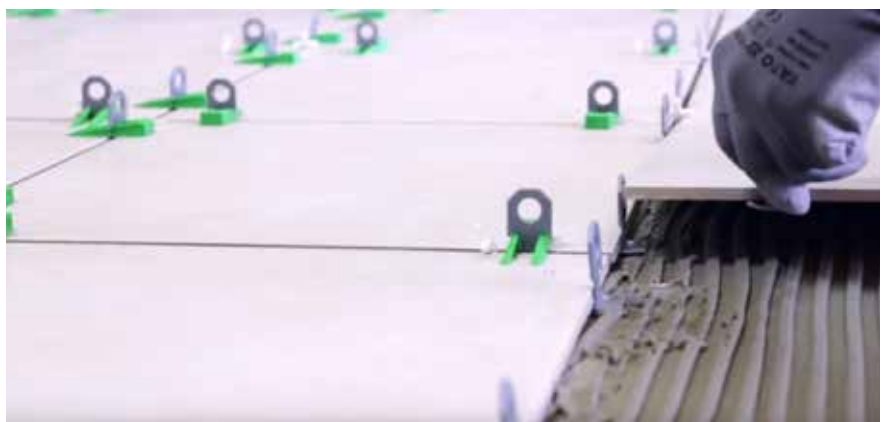
Tile crosses allow for precise joints and links between tiles. Tile crosses varied and a tiler depending on the needs can choose: standard tile crosses, tile crosses with grip, tile crosses type, tile wedges. Very handy plastic japan spatulas are useful tools for ad-

hesive or grout application. In the offer there are PCV trowel with four kinds of teeth, PCV trowel with two types of teeth, Trapezoidal plastic spatulas. For creating tiled openings, there are tile holders with magnets available which are the functional solutions due to high adhesiveness to steel components.


















Spinning clips are one of the newest innovations when it comes to laying level tiles, and these are the alternative to the wedge and pin system used. The spinning clip is placed at each corner of an individual tile to keep tiles levelled. These have to be used with an impact driver or drill. They require no force input, and there's no chance of uneven grouting when they're removed.

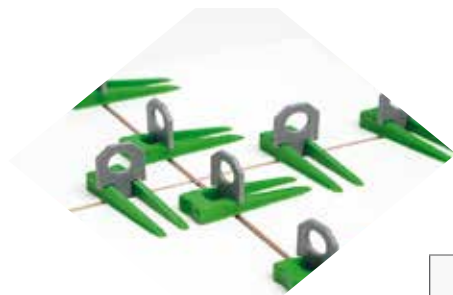
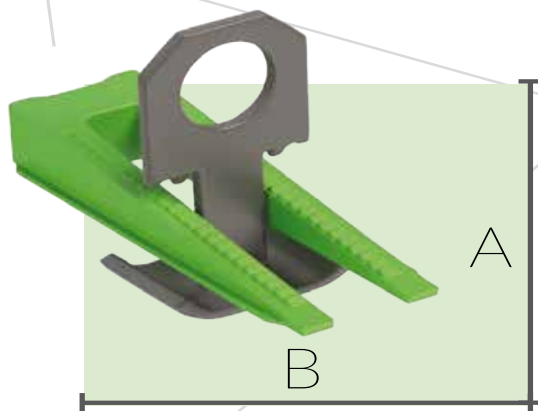
Step by step instructions on using the tile levelling system

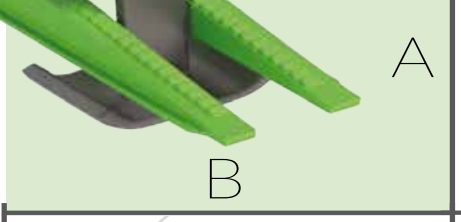
1. A general rule for using the levelling system is to have enough wedges and pins for the area to tile. Using four pieces per tile is necessary. Spinning clips allows for using just one spin per tile. Usually smaller systems are better for smaller sizes of tiles while larger systems are for large tiles.
2. Using wedges system requires placing the clips along each edge of the tile. For smaller system on larger tile, it is necessary to insert them along the edges while larger systems can be used in the middle of the tiles. However, larger systems might require additional tools.
3. When the clip is surrounded, the wedge has to be slid underneath the open portion of the clip. Then pliers will keep all that together. Another step is to apply grout leaving the wedges in place for the required time. The last step requires to take out the wedges and kick out the top portions. These should break beneath the grout if it is sufficiently dried. These ensure the correctly levelled floor with virtually no hint of using a levelling system.
4. In case of using spinners it is necessary to place the tile as usual and the spinners at each corner. In the next step spin them down with a drill or impact driver and the correct sized bit. The flat underpinning and the spinning "shield" will allow getting a quick and level fit with the pull of a trigger. After the grout has dried out, remove the top of the spindle with a drill or by hand. These are quick and easy to use. The general advice is not to over-tight to avoid breaking the tile.



TILE LEVEL SYSTEM - USAGE QUANTITIES

Art. No				
M-MLS-001-B	4-8 mm	 50 + 50 	-	15
M-MLS-002-B	4-8 mm	100 	-	15
M-MLS-001	7-15 mm	 50 + 50 	-	15
M-MLS-002	7-15 mm	100 	-	15
M-MLS-003	all	 100	-	15
M-MLS-001-W-B	4-8 mm	-	 100 + 300 	48
M-MLS-002-W-B	4-8 mm	-	400 	48
M-MLS-001-W	7-15 mm	-	 100 + 300 	48
M-MLS-002-W	7-15 mm	-	400 	48



															A														
															200	10													
															90	134	15												
															50	68	100	20											
															32	40	54	80	25										
															34	40	50	68	100	30									
															38	30	36	46	62	92	33								
															26	30	26	30	38	50	76	40							
															20	22	28	22	28	34	44	68	45						
															16	18	20	24	28	24	30	40	60	50					
															18	18	20	22	26	28	28	34	44	68	60				
															10	14	14	14	16	20	22	20	26	34	50	80			
															8	8	12	12	12	14	18	20	18	22	30	44	90		
															6	8	8	10	10	12	14	16	18	16	20	28	44	100	
															6	6	6	6	8	8	10	10	14	14	14	18	22	34	120
B	120	100	90	80	60	50	45	40	33	30	25	20	15	10															