

## DRILL BIT COMPARISON CHART

		HOLE #																			Comments	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19		20
<b>D R I L L  B I T</b>	<b>PorcelainPlus Speedbit</b>	16sec	17s	17s	17s	18s	19s	19s	22s	22s	27s	28s	23s	31s	34s	37s	45s	40s	43s	43s	Tip Broke	
	Brand A*	12s	24s	26s	30s	30s	38s	55s	1:10m	X	X	X	X	X	X	X	X	X	X	X	X	Needs pilot holes
	Brand C	23s	25s	28s	36s	49s	49s	1:00m	X	X	X	X	X	X	X	X	X	X	X	X	X	
	Brand M	16s	17s	30s	45s	52s	1:10m	X	X	X	X	X	X	X	X	X	X	X	X	X	X	Broke tile in 6th hole
	Brand R	29s	32s	46s	1:17m	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
	Brand D	18s	28s	54s	Tip Broke	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
	Brand B	24s	1:20m	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
	Brand I	1:00m	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	

\* Time recorded was a combination of both the required pilot bit hole and the Brand A tile bit

Testing was done in Nov. 2017 by Scodd Industries on **3/8" Flint White Porcelain Tile PEI V** with a 1/4" bit from each manufacturer with a Makita cordless drill & fully charged battery at the start of each bit.

All bits were dipped in water every 4-7 sec throughout the process and tested until they failed or took at least 1 min to drill a hole.

The way to read the chart is the Speedbit was able to drill 19 holes with 1 bit and it took 16 sec to drill the 1st hole, 17 sec the 2nd hole and so on until the 19th hole took 43 seconds.

An X in a cell means that the bit was not able to drill those holes (ex: Brand C was able to drill 7 holes before it took at least 1 minute to drill a hole).

The purpose of the testing was to compare the PorcelainPlus Speedbit to other bits currently on the market for durability and speed.

Result speed and durability will vary depending upon a number of different factors (including hardness of tile, frequency of dipping in water, pressure on bit, drill, installer, etc.).

Above results do not guarantee the quantity of holes or speed but shows the Speedbits performance relative to other bits.

**Results show that the PorcelainPlus Speedbit drilled at least three times as many holes versus most competitive bits and more than twice as fast (or even faster) than most of their competitors!**