

## [ Mohs Test ]

It is used to test the hardness of the concrete slabs by the method of the scratch and find the most suitable diamond bond with the floor that you will grind & polish:

- 1/ Determine the hardness of the support with the Mohs Test (instructions included).
- 2/ Use suitable bond eg. concrete very hard, 8 on the Mohs scale = Gold Series in our catalogue.
- 3/ Use the different available grits from bigger to smaller: ex . # 25, 50, 100, 200, 400, 800, 1500, 3000.

For metal bond tools, once the suitable bond is found it must be kept from start to finish.

*i.e If you chooses the 'gold' bond, you should start with a grit of this color and finish with a finer grit of the same color.*

Of course it is not necessary to follow all the grits sequences to achieve a mirror like concrete. i.e. # 6, 16, 25, 40, 80, 150 metal and # 100, 200, 400, 800, 1500, 3000 = 12 passages.

Typically, after starting surface preparation, you can begin with # 25 and # 40 metal tools, then eventually hybrid tools # 60 to remove scratches and finally # 100, 400, 1500 resin tools for a satisfactory result = 6 passes. A good densifier will also help a lot.



Mohs scale	ATDB	HTC	Liant	Béton
9	Yellow		Very soft	Extremely hard
8	Gold	CX/X series	Soft	Very hard
7	Blue	SF/H series		
6	Red	CA/M series	Semi-hard	Semi-hard
5	Black			
4	Orange	C/S series	Hard	Soft
3	Orange Extra		Very hard	Very soft