

HTC - the Innovators, not the imitators!

HTC

Hardness tester for floors

The right tool for the right floor



HTC's floor tester simplifies the choice of diamond tools when grinding a floor.

How hard or soft is the floor that is to be grinded and which tool should you start with without risking the tools to wear out too fast or that they will "glaze"? HTC's hardness tester gives you a guide (no absolute answer) to which HTC tool works best for your floor.

- Simplifies tool selection
- Avoids vigorous tool wear
- Avoids that the tools will "glaze"
- Provides a more effective grinding
- Gives a better economy



Recommended grinding guides

HTC's latest recommended grinding guides for HTC Superfloor™ (polished concrete) can always be downloaded from www.htc-floorsystems.com. In

order to determine the hardness of the concrete we recommend the HTC's

hardness tester.

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Scratch test - Pick the right tools

With a simple scratch test you can determine the hardness of the floor or the concrete in relation to the “Mohs scale”. Start with the lower numbers of the tools and work your way up the scale until you scratch the floor. When you know the value of the scratch tool, use the chart below to decide which tool series HTC is recommending for the floor that is to be grinded.

Mohs scale

1	Talc
2	Plaster
3	Calcium oxide
4	Fluorite
5	Apatite
6	Orthoclase Feldspar
7	Quartz
8	Topaz
9	Corundum
10	Diamond

Tool serie in relation to Mohs scale

2-3	C series
3-5	CA series
5-7	SF series, CX series
7-9	SX series, CX series

Mohs hardness test set include:

- Four double-headed tools with a total of 8 sharp edges from 2 to 9 on Mohs scale of hardness
- Hardness sheets of different materials
- Grindstone to grind test tools
- Magnet to determine if a mineral is magnetic
- Instruction in English
- All gathered in a wooden box



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