alluvius
CONCRETE PERSONIFIED

MOHS HARDNESS SCALE

Hardness	Mineral
10.	Diamond
9.	Corundum
8.	Topaz
7.	Quartz
6.	Orthoclase Feldspar
5.	Apatite
4.	Fluorite
3.	Calcite
2.	Gypsum
1.	Talc

Mohs' scale of hardness represents a scale of relative mineral hardness rather than a scale of absolute mineral hardness.

To determine the hardness of concrete in relation to the Mohs Hardness scale, scratch the concrete with the #9 pick/tool from the kit, if the concrete scratches, use the next descending number until a scratch is not visible on the surface. Where the tool does not scratch the surface, this will indicate the hardness of the concrete and the corresponding diamond tool should be used for surface preparation. For example, if the #6 tool scratches the concrete but the #5 does not, the Mohs hardness of the concrete is 5.5. and a medium bond diamond is typically recommended.

In general terms, use soft bond diamonds for hard (high Mohs #) concrete and hard bond diamonds for soft concrete (low Mohs #). Individual diamond tooling suppliers should be able to accurately asses their diamond recommendations based on the Mohs hardness figures. One suppliers medium bond diamond can be a hard bond diamond for another supplier. Check with your diamond tooling supplier if you are unsure.