

Product Family - **MAGNACORE**

Subcategory - **ELEMENT**

TIP Category - **DESIGN**

Tags - **CONCRETE, ADMIXTURES, GROUT**

## Compressive strength vs curing time:

The table below shows the approximate compressive strength of the concrete in relation to the number of days after the concrete has been poured.

Days	Compressive Strength
1 Day	16%
3 Day	40%
7 Day	65%
14 Day	90%
28 Day	99%

## Grout admixtures or replacements for drilling:

- Super mud is a non-cementitious material commonly used in drilling. It is used to constantly flow through the center of the drill to flush out dirt and rock to prevent clogging.
- Flushing grout is another technique used like super mud, to keep the drill clear from any clogging. Flushing grout uses a low cement to water ratio to maintain a higher consistency than water but a lower consistency than structural grout.
- Super plasticizer is another admixture that can be added to a concrete mixture. Super plasticizers reduce the amount of water needed in the mix, and in turn increase the cement's strength by increasing the density and lowering the permeability.

### If you need more assistance...

Please reach out via email at [info@intechanchoring.com](mailto:info@intechanchoring.com) or at our Office Phone at 800.223.7015