

SIZE OF SHOTCRETE PLATES

The shotcrete plates should have these following dimensions.

Size bottom of mold in cm	Test methods
40 x 60	Compressive strength + density
60 x 60	Compressive strength + density + freeze thaw resistance
80 x 60	Compressive strength + density + freeze thaw resistance + depth of penetration of water
80 x 60	Compressive strength + density + flexural strenght
80 x 60	Compressive strength + density + flexural strenght + depth of penetration of water
100 x 60	Compressive strength + density + flexural strenght + freeze thaw resistance
100 x 60	Compressive strength + density + flexural strenght + depth of penetration of water + freeze thaw resistance

The concrete in the boxes should be a **minimum of 150** and a **maximum of 250 mm high**.

If the boxes are too small, this may mean that the desired properties are not possible to test. If the boxes are too large, this means handling problems for us when sawing, especially if the tiles are too high. If the plates are higher than 250 mm, it causes a lot of work for us by forcing us to break the plates apart. This may also affect the sawn specimens and thus the test results.

If you have any questions, please contact:

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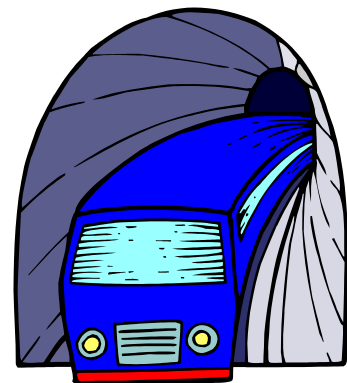
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