

## Brick porosity test

<i>Type</i>	<i>density-dry Kg/m<sup>3</sup></i>	<i>mass -dry g</i>	<i>mass- soaked g</i>	<i>% absorbed by mass</i>
Dense firebrick	1619	9000	11250	25
Insulating firebrick	527	1033	2026	103
Solid red	1836	3360	4099	22

### Notes:

Recorded weights of dense firebrick inaccurate (spring balance bathroom scales).

Insulating firebrick actually floated for 5 mins.

All bricks soaked for 24 hrs.

The solid red brick had a lump of mortar on the end that was approximately the same volume as the frog in the brick.

The solid red was much slower in its uptake of water.