

Re: Scientist Says Concrete Was Used in Pyramids

Source: <http://sci.tech--archive.net/Archive/sci.archaeology/2006-12/msg00537.html>

- *From:* Kendall K. Down <webmaster@xxxxxxxxxxxxxxxxxxxx>
 - *Date:* Wed, 13 Dec 2006 07:31:19 GMT
-

In message <1hq8z6m.11o9n8snxc1x8N%firstname@xxxxxxxxxxxxx>
firstname@xxxxxxxxxxxxx (Florian) wrote:

No. You understood nothing (much likely did not want to).
It is no possible to cast all the blocks at one time. You have to wait
some time (4 hours in case of Davidovits experiment) to pour the next
one. Then, there is no fusion between the blocks and the joints get
their final look when the surface dries over the following months.

Exactly. Now there are over a million blocks of stone in the Great Pyramid:
if we assume that the pyramid workers waited four hours between blocks, but
worked 24x7x52, then we are looking at 456 years to build the pyramid.
Someone with more mathematical expertise than I have can tackle the task of
working out a more realistic time, considering that work could proceed from
multiple centres, but no shuttering can be introduced between blocks (there
isn't room), but I'm confident that it would still come out to considerably
longer than the reign of Khufu.

Ken Down

===== ARCHAEOLOGICAL DIGGINGS =====
| Australia's premier archaeological magazine |
| <http://www.diggingsonline.com> |
=====