

Re: Carl Sagan & Gerald O'Neal: moon aluminum Me: asteroid s

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"Rodney Kelp" <Rodneykelp605@hotmail.com> wrote in message
news:a7adnQPtU7uVYb7cRVn-hA@adelphia.com...

> *If you're going to construct it in space why not just sling clay up there*
> *with mass drivers and construct clay/mud/brick spheres. Might offer more*
> *protection from radiation too depending on how thick you make it.*

There was one researcher who got a paper published in the JBIS which said that the aluminum approach might be an example of "aerospace thinking", and that if the goal is a permanent habitat rather than a space ship that cement might be a more sensible material selection. (Although what he was actually talking about was closer to cast basalt with rebar.) His argument was that after having built the pressure vessel out of aluminum, you have to slap a layer of slag on the outside about equal to the mass of a concrete wall over a yard thick anyway just for radiation protection, so you might as well build the pressure vessel out of such material and save the bother.

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Regards,
Mike Combs

Member of the National Non-sequitur Society. We may not make
much sense, but we do like pizza.