

Re: 1/6 or 1/8 wave

Source: <http://sci.tech-archive.net/Archive/sci.astro.amateur/2007-02/msg00099.html>

- *From:* "M104galaxy@xxxxxxxx" <M104galaxy@xxxxxxxx>
 - *Date:* 2 Feb 2007 09:02:04 -0800
-

On Feb 2, 9:58 am, "M104gal...@xxxxxxxx" <M104gal...@xxxxxxxx>
wrote:

On Jan 26, 6:50 pm, "M104gal...@xxxxxxxx" <M104gal...@xxxxxxxx>
wrote:

Carl Zambuto is adamant that this is wrong. He claims to figure Pyrex mirrors of over 20" with Strehl's in the high 90ties that will hold their figures all night. And these are thin (less than 2") mirrors.

Zambuto wouldn't try to mislead anyone would he??

Starmaster Telescopes (which makes the same claims for large Zambuto Pyrex mirrors) would not try to mislead anyone, would they??

Do we need to call in the "Country lawyer"??

On Jan 26, 3:17 pm,
midnightmadn...@xx

(Melweaver) wrote:

A few more notes:

Re: 1/6 or 1/8 wave

The homogeneity properties of AstroSital and soda-lime window glass is very good in comparison to Pyrex. Paul said he tested all three glasses for transmission and Pyrex is not usable. This is an easy way to determine the homogeneity of any glass.

BTW Just in handling a Pyrex mirror and putting it into a test stand, you can see the distortion caused from the warmth of your hands. The distortion will disappear as the temperature stabilizes after a few minutes.

The statement about Pyrex "keeping" a figure has to do with the stria in the glass which warps (astigmatism) the mirror as the temperature goes down and therefore a loss of figure. For example a 70 degree mirror works fine but at 40 degrees could have 1/2 wave of astigmatism.

Posted via <http://www.AstroForum.it>

--
Posted via a free Usenet account
from <http://www.teranews.com>

There is a new telescope on the market for RCOS to sue. They have the audacity to claim their design is superior to the "classical RC"!

http://www.planewaveinstruments.com/index.php?option=com_content&task...

BTW, the two principals at the new telescope company are the former top two technical guys at Celestron. Wonder what this says about the current situation at Celestron? Back in serious trouble again?? Operations and telescope design taken over by their Chinese parent?

Re: 1/6 or 1/8 wave