



Norbert Senf <norbert.senf@gmail.com>

Re: [MHAmembers] silicon carbide issues

Eric Moshier <Eric@solidrockmasonry.com>

Tue, Jun 9, 2020 at 10:10 AM

Reply-To: Main@mhamembers.groups.io

To: "Main@mhamembers.groups.io" <Main@mhamembers.groups.io>

We have been using 3/4" silicon carbide kiln shelves by St. Gobain in our white ovens since 2009 with not one failure yet. Our white ovens are "free floating" so that there is no weight on them except the free floating 30mm soapstone that we use on top of the kiln shelf to help stabilize the oven temperature and bring the oven temperature down to around 700 degrees within 60 minutes of starting the fire. I developed this system because the old style of white oven design was using either a firebrick tile or a piece of 2.5" cast refractory. Both of these materials typically crack and the temperatures in the white oven never got as high or as responsive as our clients wanted.





For our firebox lintels we have been using a piece of 1/8" x 2.5" x 4.5" stainless steel bent into an angle iron L shape laid down over the opening and then we set a piece of 1/4" high temperature painted mild steel angle iron on top of the stainless steel. It is a simple and fairly inexpensive method that has been in use for us since about 2006 with no warping or failures.



Eric Moshier
Solid Rock Masonry
5347 Howard Gnesen Road
Duluth, MN 55803
218-343-2978
eric@solidrockmasonry.com
www.solidrockmasonry.com

[Quoted text hidden]

—'—'—'—

Groups.io Links:

You receive all messages sent to this group.

[View/Reply Online \(#8883\)](#) | [Reply To Group](#) | [Reply To Sender](#) | [Mute This Topic](#) | [New Topic](#)

[Quoted text hidden]