Mr Volcano
Rigidizer– PREP/APPLICATION

Personal Protection Equipment must be worn to handle Rigidizer, You will need a paint brush and two spray bottles: One to spray regular water, and one to spray the Rigidizer solution.

The steps below are for applying Satanite on a Mr Volcano Hero 2, which would use 16 oz of rigidizer. Adjust the instructions to the size of forge that you have, for reference, the blanket dimensions of a Hero 2 when laid out flat is 24" x 16" x 1"

1) Unroll the insulation blanket and place it flat on a clean surface.
2) Mix the 16 oz Rigidizer Concentrate with water using a 1 to 1 ratio, shake vigorously for 45 seconds before using.
3) Pre-wet the insulation: Spray water lightly on all sides of the blankets, do not soak, just enough to get the surface lightly wet. Tip: Using a hose on the "Mist" setting works great.
4) Spray the Rigidizer mix on all sides of the blanket. Make sure the entire blanket is red. Use all 32 oz.
5) While the blanket is still wet, install the insulation into the Hero Forge. Make sure the burner entry tube is not obstructed by the blanket so that it does not get in the way of the flame.

There are two methods of drying the Rigidizer: Air drying or firing up the forge.

A. **Air drying -** This could take 24-48 hours. A cooling or a heat fan will speed up the process.

B. **Fired up drying -** Fire up the forge (Operating Instructions in Section 9) on low pressure for 30-60 seconds. Then let it cool down. Do this several times to remove water and moisture from the blanket. This will generate some steam in the process. **Sputtering of the burner during this step is normal, as the environment inside the forge humid.**

Do not proceed until the blanket is dry and rigid. Trapped water, when heated, will cause a burst through the refractory layer. The red color in the Rigidizer is not an indicator of the blanket being dry. It could retain some color after being dried out.

Happy to help: Support@Mrvolcano.com