



Lancaster Lime Works
NATURAL LIME FOR PRESERVATION AND BUILDING

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Mixing of Hempcrete:

Hemp can be mixed with NHL 5, to create Hempcrete to be used in wall forms. We recommend the forms have a minimum cavity width of 8".

First mix the lime putty mortar, NHL 5.0 and water to create a slurry then add the Hemp. Use the following ingredient ratios and instructions as a guide. Individual applications may vary depending on the hempcrete form, workability and installer preferences.

Always follow guidelines of keeping the hempcrete damp for three days after installation.

Gather ingredients:

½ five gallon bucket of Premixed lime putty mortar

Approx 5 gallons of water

Two firmly packed five gallon buckets of Hemp Shiv

One Bag - Roundtower NHL 5.0

Mix ingredients:

Add ingredients into a wheelbarrow, mixing pan or mechanical mixer.

Step 1: Add premixed lime putty mortar and thoroughly mix with water until all lumps are gone.

Step 2: Add the entire bag of NHL 5.0 and add five gallons of water until it is thoroughly wetted and all lumps are gone.

Step 3: Add the two five gallon buckets of hemp shiv.

Step 4: Mix together until Hemp is totally wetted and thoroughly mixed.

Step 5: Let mixture set for ten minutes.

Step 7: Add additional water sparingly as needed to achieve a mixture acceptable for workability.

Step 8: Transfer this hempcrete mix into the premade form. Gently compact to ensure that the form cavity has been totally filled.

There are approx. 7 gallons of NHL 5.0 per bag.

There are approx. 8 five gallon buckets of hemp per 44 lbs of hemp.