

Tradical[®] Hemcrete[®] Mixing Method Sheet

275kg/m³ mix

Typical uses: Standard solid wall applications

1.5 bags of Tradical[®] HB to 1 bale of Tradical[®] HF

or

1 bucket of Tradical[®] HB to 4 buckets of Tradical[®] HF

Mixing is best done in a pan mixer. A slow speed of rotation is recommended:

- Add the Tradical[®] HF followed by the Tradical[®] HB in the ratio of 1 bale of HF to 1.5 bags of HB.
- Allow the dry ingredients to mix.
- Add approximately 50 litres of water and allow the material to mix for about 2 to 5 minutes until thoroughly mixed.
- If you are using a drum mixer, then the mixes will tend to be smaller and have to be gauged with buckets.
- Use 4 buckets of HF to 1 bucket of HB with about 1 bucket of water.
- Using a dustbin lid to seal the drum mixer can help reduce the dust during the dry mixing stage. Alternatively adding most of the water to the HB first, before adding the HF can help to reduce the dust and stop the mix balling.
- Vary the water to suit the conditions, weather and time delay before the placing. The hemp is absorbent so the mix will dry out if it is left to stand.
- In all cases, the aim is to obtain a homogeneous mixture in order to produce an aerated Hemcrete[®] in which the particles of hemp are well covered by the binder, avoiding the formation of “pellets” or “balls”.
- Do not use material that has been mixed for more than 6 hours.

High humidity levels and low temperatures can delay curing times.

