

# "Fifth Element" Binder

Hempire's Fifth Element hempcrete binder avoids cement. Per Manufacturer, this binder allows the creation of hempcrete with a dry density of around 260 kg/m<sup>3</sup> (16.2 lb/ ft<sup>3</sup>) with improved thermal properties. The binder is mixed with hemp hurd and water and can be used in in-situ casting, spraying, fabrication of prefab panels, bricks, or blocks. The Manufacturer is registered in the US since 2018 and starting in 2021 distributes from within the country.



| CATEGORY           | MANUFACTURER |
|--------------------|--------------|
| Masonry, Hempcrete | Hempire      |

### MATERIAL COMPOSITION\*

85% Hydrated Lime (CaO)

15% Natural Minerals

*\*as reported by the manufacturer*

### CERTIFICATIONS & DISCLOSURES

- Health Product Declaration (HPD)
- Declare Label
- Environmental Product Declaration (EPD)
- Safety Data Sheet (SDS)
- USDA Certified Biobased Product Label
- Other

### LAST UPDATED

March 23, 2021