

"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/m³ (16.2 lb/ ft³) 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

January 29, 2026