

"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

Masonry, Hempcrete

MANUFACTURER

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