

Leca® Uno (25L Bags)



SAVE TIME AND MONEY RENOVATING AND BUILDING NEW FLOORS

Leca® Uno for filling and leveling interior and exterior floors, applied in a single layer - increasing thermal and acoustic improvement of floors.

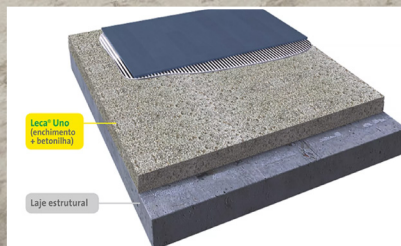


Leca® Uno for filling and leveling interior and exterior floors, applied in a single layer - increasing thermal and acoustic improvement of floors.

Suitable for application in new construction and rehabilitation works, in thicknesses from 4 cm.

Simple Steps

- Mix Leca® Uno with water (5 litres/bag) to obtain a homogeneous mixture with a shiny appearance.
- If you use a continuous mixer, the amount of water must be adjusted to the type of machine.
- Spread the material across the entire area to be filled.
- Level to the desired thickness using a level and regularize with a manual or electric trowel.
- Keep the material moist for the first few hours and create retraction joints, if necessary.
- After drying (24 hours), the material is ready to be covered with ceramic material, natural stone or floating flooring or screed.



Durable and Resistant to Fire (Euroclass A1)



Save around 40 man hours per house during installation of insulated solid floors



Virtually eliminates the need for multiple heavy vehicle journeys through the site during the works

More than just an Underfloor Lightweight Fill

Product Specification:

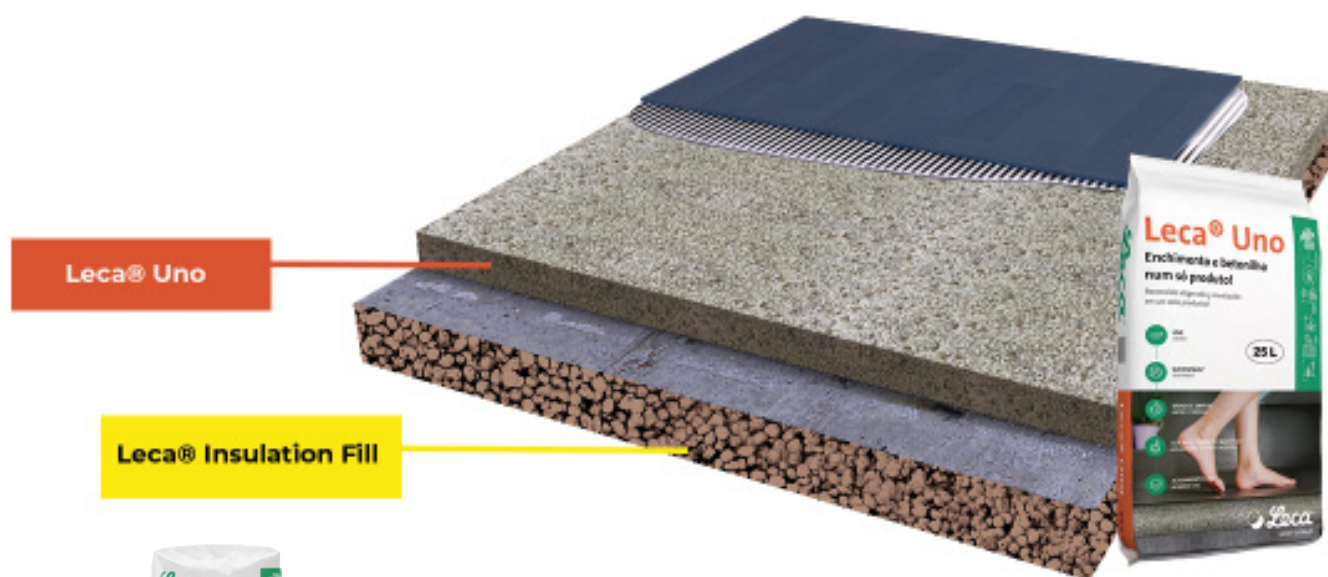
Compressive strength 28 days: $\geq 5 \text{ N/mm}^2$ (5 MPa)

Flexural strength 28 days: $\geq 2 \text{ N/mm}^2$ (2 MPa)

Fire behaviour: non-combustible (Class A1)

Hardened density: 1000 kg/m³

Thermal conductivity (according to EN 1745-2002), $\lambda_{10, \text{dry}} = 0.30 - 0.32 \text{ W/mK}$



*** Leca® Underfloor Insulation Fill (50L) bags work perfectly with Leca® Uno and is available separately**



Installing Leca® Uno

Video



Step 1

Prepare Leca Uno 25L Bags

10 Minutes



Step 2

Mix Leca Uno with water (5L/ per bag)

20 Minutes



Step 3

Use a continuous mixer, the amount of water must be adjusted to the type

30 Minutes



Step 4

Spread the material across the entire area to be filled

40 Minutes



Step 5

Level to the desired thickness using a level and regularize with a manual or

60 Minutes



Step 6

After drying (24 hours), the material is ready to be covered.

All set!

Next Step in Sustainability

We believe that our Leca® products have a positive effect on every stage of the product lifecycle from Production, Transport, Construction, Living to Re-cycling. This strong lightweight and inert aggregate can be used everywhere, and can be re-used / re-cycled - and can even be returned back to the Earth.

We like to call it 'Borrowed from Nature'.

This is not just another nice story on sustainability, we are actually doing this!



Delivery Made Simple



At Leca® UK we have accumulated a wealth of experience to successfully transport and deliver Leca® Lightweight Expanded Clay Aggregate to diverse construction projects throughout the UK.

Depending on the project requirement and location, we will source the vehicles to best suit the project requirement. For more information on your delivery requirements please Contact Us.



1. **25L Bags**- suitable for small domestic projects and can arrive palletised - ready for installation



2. **Bulk Bags** (2.2m3) - Ideal for larger scale projects.