

## Warmcote

### USAGE DATA SHEET

#### Breathable | Lightweight | Flexible | Sustainable

Warmcote™ has been developed to offer insulation for traditional, [historic](#) buildings where the use of modern systems would be inappropriate and potentially damaging.

Used in conjunction with sustainable, breathable boards such as cork, wood fibre or sprayed hemp, Warmcote's traditional lime plaster mix can make a significant improvement to the living environment of a home, as well as reducing the energy bill and the carbon footprint. The original drive behind its development was to offer some thermal benefit to traditional 'hard to insulate' buildings, particularly timber framed buildings where it may be aesthetically undesirable to apply boards to the exterior. It is breathable, flexible, very lightweight and can be applied at practically any thickness. The best achieved so far is 8" in two passes. Warmcote is incredibly useful if you are making good damaged clay lump, cob, masonry or daub.

Warmcote is made with lightweight minerals as the aggregate in place of sand. The results of testing so far put the Lambda value of Warmcote at around 0.125 W/mK. That is about five times more thermally efficient than a standard lime plaster, and eight times better than sand and cement.

Packaged in 25kg recyclable LDPE bags

Coverage     Makes around 40L and yields @ 3.5m<sup>2</sup> @ 10mm thick

Storage        Keep dry and away from frost and direct sunlight

Safety          Irritant – Calcuim Hydroxide

- Causes serious eye damage
- Causes skin irritation
- May cause respiratory irritation
- Keep out of reach of children
- Wear protective gloves, eye and face protection
- If in eyes, rinse cautiously with water for several minutes and immediately call for medical advice
- If on skin, wash with plenty of soap and water
- Avoid breathing dust. If inhaled, remove the affected individual to fresh air and keep at rest in a position comfortable for breathing



**BEST OF LIME**  
INNOVATORS IN LIME PLASTERS

## **MIXING**

Pour no more than 7 litres of clean water into a mixing tub. Gently add **Warmcote**, mixing with a plasterer's paddle, don not add all of the dry plaster at once, bring gradually to the required consistency. If necessary add more water.

There is no 'right or wrong' amount of water to add, it can be used at whatever consistency best suits the job, be it thinned down for spraying or thick enough to hand trowel.

Once **Warmcote** is uniformly mixed, gently add all the fibres from the small bag and mix thoroughly, it does not need to stand, it can be used straight away.

## **DIRECTIONS FOR USE**

Ensure that the background is clean and free from loose friable or dusty material.

Warmcote can be used for the full thickness of plaster from dubbing out to a polished finish in one, two or multiple coats on most backgrounds, it also works very well as a scratch coat beneath a Limecote finish. We would not however recommend its use as a finish on timber frames or backgrounds where background movement is a factor, a finish coat of Limecote would however be perfect.