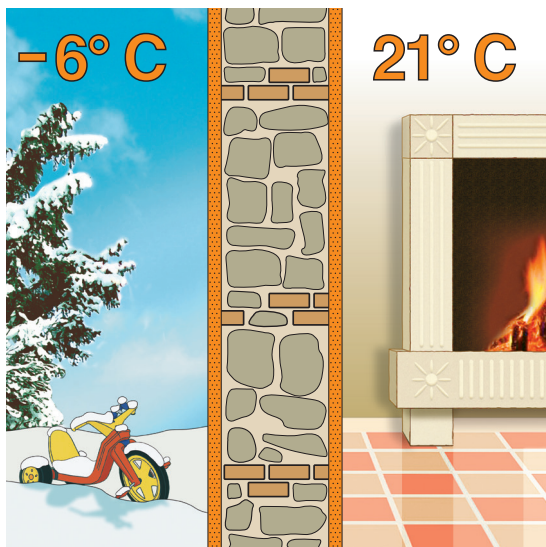


Plaster&Insulate®



PART OF THE RIMUCONTER CYCLE: for restoration of ground-level masonry



HIGHLY INSULATING READY MIX MADE FROM NATURAL LIME WITH VITREOUS INERT FILLERS



DESCRIPTION

Ready-mixed thermal insulating plaster made from natural hydraulic lime, vitreous inert fillers, ultra-pure silicates and natural fibres, which together make it easy to apply up to considerable thicknesses. Its truly remarkable levels of compressive strength, breathability and fire-retardant capacity – obtained using natural and eco-friendly materials – make it ideal for use as an insulator in “green building” projects as well as operations to restore buildings and bring them into line with the latest regulations.

USE

The thermal insulation system created through using TRH888 helps provide an optimum solution to all the difficulties

involved in thermally insulating rooms located below ground level.

Its powerful fire-retardant properties and ease of application make it a great choice even when the job involves plastering domed ceilings or arches.

QUANTITIES REQUIRED

One 11kg sack yields over two square metres of insulating plaster at a thickness of 1 centimetre.

HOW TO PREPARE AND APPLY

Apply the TRH888 thermal insulating plaster directly to the waterproof grout, having previously wetted the surface with TRB305. To prepare the mixture,

just add water until you obtain the desired thickness – this can be done perfectly well either by hand or mechanically. For thicknesses greater than 2cm, apply the plaster in layers. Do not apply at a temperature below +3°C.

FINAL PROTECTION

To prevent the formation of mildew, fungi or bacterial growth on the new wall surfaces, it is important to supplement the paints (which absolutely must be breathable and not film-forming) with the specially formulated product TRM925.

This product ensures complete sterility in the rooms it is used in, and provides long-term protection to both the goods stored in them and the people who use them.

HOW TO USE

Apply two layers of high-quality water-based masonry paint, adding 1 litre of TRM925 for every 5 litres of ready-to-use paint.

NB:

Wait one week for every cm of plaster applied (e.g. 4cm thick plaster = 4 weeks), then proceed with painting the surfaces. Use the broad-spectrum biocide TRM925 as an additive to the paint.



THERMO HYGROMETRIC TESTS PERFORMED ON MASONRY COATED WITH TRH888 PLASTER			
ENVIRONMENT CONDITIONS	TYPE AND THICKNESS OF MASONRY	THERMAL RESISTANCE OF MASONRY WITHOUT INSULATION	THERMAL RESISTANCE OF INSULATED MASONRY WITH 4 CM OF TRH 888
External temperature: -6°C	Mixed with stones: cm 30	W/m²K = 1,80	W/m²K = 0,91
External relative humidity: 88%	Solid brick: cm 30	W/m²K = 1,77	W/m²K = 0,90
Internal temperature: +21°C	Autoclaved aerated concrete blocks: cm 30	W/m²K = 0,90	W/m²K = 0,59
Internal relative humidity: 52%	Gasbeton: cm 30	W/m²K = 0,81	W/m²K = 0,55

