

AFON TERMO™

Technical data sheet

TECHNICAL DATA SHEET

Thermal conductivity	$\lambda = 0,000918 \text{ W/mK}$
Reflectance	R = 85%
Vapour resistance	$\mu = 5$
Specific heat	3.000 kJ/Kg°K
Approx yield type A	2 kg/sqmt, 3 mm thick on flat surfaces
Approx yield type B	1.5 kg sqmt, 1 mm thick
Approx yield THERMOPITTURA	280 g/sqmt
Shelf life when dissolved in water	12 months
Package	14 litre plastic buckets
Appearance	White doughy mass

Heat transfer test on a 3mm thick steel backing with 1 mm **AFONTERMO™** on one side:
On the untreated side, heat source +160°C, heat measured on the opposite side = +40°C
On the treated side, heat source + 155°C, heat measured on the opposite side = +18°C.

HOW TO APPLY

The product is with and looks like a soft paste, it comes in 14 liter buckets. **AFONTERMO™** is available as type A, the first layer, or type B the finishing layer available in various grain sizes.

To insulate concrete or metal beams and pillars (metal needs to be treated with a rust-inhibiting primer first), first apply, using a smooth-edged trowel, 3 mm layer of **AFONTERMO™** type A, then, when the surface is perfectly dry, follow with another 3mm of **AFONTERMO™** type B.

To insulate interior walls exposed to condensation or a high concentration of mould, wash the mould away from the inside walls, only when the surface is dry, apply a 3mm layer of **AFONTERMO™** type A; wait at least 48 hours for the wall to dry, then apply Type B. Wait another 48 hours for the wall to dry, then smooth the surface with sandpaper, at this point you can paint the wall using **THERMOPITTURA**.

HOW TO APPLY THE INSULATING COAT

On a new, standard lime plaster wall, indoor or outdoor, apply with a smooth edged trowel one layer (3mm) of **AFONTERMO™** type A; when dry, apply the second layer; **AFONTERMO™** type B. When the surface is perfectly dry, smooth it out with some fine sandpaper.

The wall can be painted using **THERMOPITTURA**.

