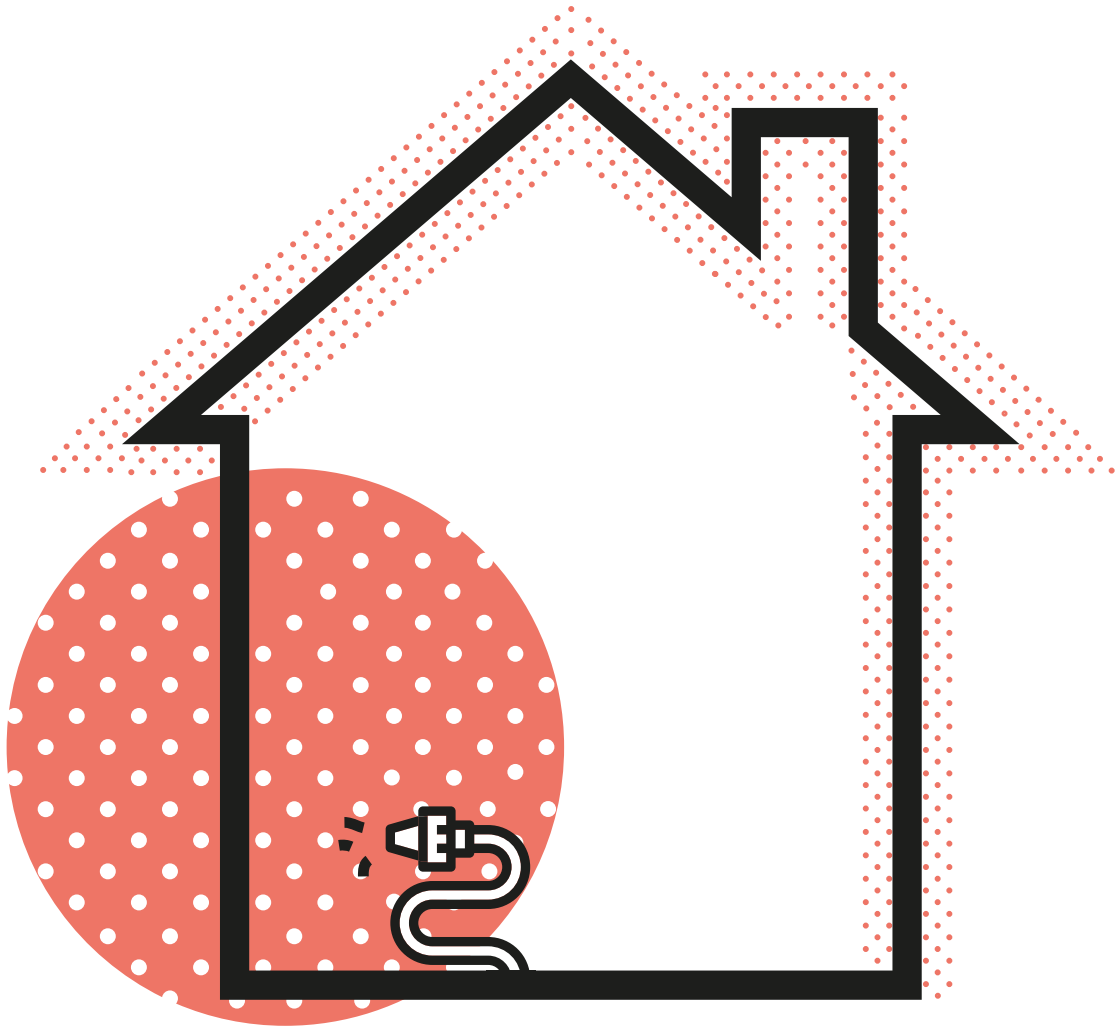


giptherm

Cement-based ready mixed plaster
with high thermal insulating properties



THERMAL INSULATOR



Giptherm

Cement-based ready mixed plaster with high thermal insulating properties

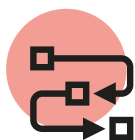
Based on polystyrene spheres



CARATTERISTICHE TECNICHE

Theoretical yield	~ 4,5 Kg/m ² for 1 cm thick
Mixing water	~ 9,0 – 10,0 Lt for 17,5 Kg
Maximum thickness per layer	40,0 mm
Dry to the touch (thickness 4 cm)	~ 2 hours
Waiting time after the rinsing	≤ 3 days
Waiting time for the finish	~ 14 days
Water absorption by capillarity	W 0
Water vapour diffusion	μ = 8
Vapour permeability	5,7 * 10 ⁻¹¹ Kg/m ² * s * Pa
Thermal conductivity	λ ₀ = 0,08 W/mK; T1
Specific heat	c = 1000 J/KgK
Reaction to fire	A1 Class
Compressive strength at 28 days	CS I (0,4 - 2,5 N/mm ²)
Flexural strength at 28 days	> 0,90 N/mm ²
Adhesion to the support (concrete)	≥ 0,60 N/mm ²
Density in place	~ 700 Kg/m ³

Laboratory tests performed at + 20 ° C and R.H. 65%, data subject to variations in different atmospheric and installation conditions.



METHOD OF USE

Mix with clean water using a mechanical stirrer or with a concrete mixer until a homogeneous mortar is obtained. After moistening the substrates, apply the mixture by trowel or by means of machines suitable for thermal insulating plasters. In a single application it is possible to have a maximum thickness of 4 cm, therefore in the case of higher thicknesses it will be necessary to apply additional layers one on top of the other before the previous layer is completely hardened (on average about 3 hours). For leveling, use a dampened strip or aluminum straightedge. Before applying the decorative finish wait at least 14 days.



WARNINGS

Do not add additives or aggregates of any kind.
Do not apply on inconsistent, dusty or degraded, frozen or wet substrates.
Do not apply at temperatures below + 5 ° C or above + 35 ° C.
Do not apply in conditions of intense sun, high wind or possible rain.
Keep the product in the bags intact, on pallets and in a dry and ventilated place.



CONFEZIONI

Paper bags of kg. 17,5

The above information is to be considered indicative, non-binding and subject to change without notice.
Therefore the suitability of the product for the desired result must be verified by the user, who is fully responsible for its use.