



## Raso Top 1000

Lightened skim coat for thermal insulation systems.



### MAIN AREAS OF USE

#### It is particularly suitable to:

Smoothing breathable materials (rock wool, porous plaster, bricks)

Thermally insulating walls where a traditional exterior insulation system cannot be applied.

#### Recommended applications:

Smoothing the most common panels used in construction. Stabilising and smoothing non-flat walls.

- Suitable substrates (indoors or outdoors):
- standard panels such as EPS, graphite EPS, rock wool or XPS (only for low plinth strips).
- Lime/cement-based plasters
- Clay brick
- recast or cast-in-place concrete
- Autoclaved aerated concrete
- Old paint and coatings provided they are clean, thick and well anchored to the substrate

### CHARACTERISTICS

**Its low specific weight** allows for the thick smoothing of walls and uneven surfaces.

**Its thermal resistance allows for a good degree of insulation to be achieved even without panels.**

**Its macroporous structure** makes it ideal as a smoothing plaster for breathable materials.

**Its smoothness and consistency** allow for easy and comfortable application.

**Its controlled-shrinkage formulation** minimises cracks and fissures.

**Its balanced grain size** results in a compact and uniform fine-textured surface.

Compliant with Standard **UNI EN 998-1** as an LW-T-R mortar.

### HOW TO USE

#### Preparation of the substrate

The substrate must be cured, clean, flat, cohesive and free of any kind of release agent. It is always advisable to use a primer to even out absorption. If necessary, prevent capillary/saline rising with **Neutral Antisale** or **licata Injecto Gel**.

- **New substrates:** no precautions other than those indicated.
- **Deteriorated or crumbling substrates:** remove all crumbling, loose or detaching parts and restore the flatness of the substrate using **licata** products.
- **Smooth concrete mix and concrete substrates:** treat with primers such as **Tiles Eco Primer** or **Aggrappante LG**.
- **Insulating materials:** in the case of slabs made of insulating materials, make sure that they are free of any protective films.

#### Preparazione dell'impasto

1\_Pour the product into a clean container containing  $\frac{3}{4}$  of the total mixing water

2\_Mix for about 3-4 minutes with a low-speed mixer, adding the rest of the water gradually.

The product ready for application should be a thixotropic, smooth and lump-free mixture.

3\_Let it rest for 1-2 minutes, then stir again before use.

**Raso Top 1000** must be used as such, with the sole addition of clean water. Do not split the packages to use them partially and do not use open bags.

#### Application\_Bonding:

1\_Wet the substrate before applying the product.

2\_Apply the product in 2/3 central crowns (approx. 10 cm in diameter) of the panel and along the perimeter (rough surfaces) or full layer using a notched trowel (flat and/or plastered surfaces).

**Application\_Smoothing:**

- 1\_Apply a first even and flat coat using a smooth American trowel.
- 2\_Apply **licataTHERM 160 mesh**, vertically, overlapping it along the joints by at least 10 cm
- 3\_After at least 24 hours, apply a second coat, covering the reinforcement mesh completely.
- 4\_Complete the work using a sponge trowel when the product starts to dry.

**PRODUCT INFORMATION**

Appearance	Polvere bianca
Grain size	<0,8 mm
Powder consumption (bonding)	Da 3-4 kg/m <sup>2</sup>
Consumo della polvere (rasatura)	Da 3-4 kg/m <sup>2</sup>
Acqua d'impasto	28-30% sul peso della polvere
Tempo di lavorabilità a 20°C	30 minuti
Spessore di applicazione per mano	da 1 a 15 mm
Temperatura di applicazione	Da +5° a +35°C
Conservazione nelle confezioni originali integre	12 mesi in luogo asciutto tra +5° e +35°C
Confezione	20 Kg
pH dell'impasto	10 - 11 circa
Densità della malta asciutta	1100 kg/m <sup>3</sup>

**PRESTAZIONI**

Caratteristica	Prestazione
Resistenza a compressione	CS III
Adesione (N/mm <sup>2</sup> ) e schema di frattura	>0,4 FP:B
Assorbimento capillare	9,44
Penetrazione dell'acqua dopo test di assorbimento capillare (mm)	43
Coefficiente di permeabilità al vapore (μ)	11
Conduttività termica 10.mat.asc.- valore (W/m*K)	0,248-0,274
Reazione al fuoco (classe)	A1
Durabilità	NPD
Euroclasse reazione al fuoco	A1

**WARNINGS**

- Product for professional use.
- For applications other than those indicated on the data sheet, it is best to perform a suitability check beforehand and/or contact Licata Technical Service for further information.
- Before application, always check that the colour, consistency and appearance correspond. Any claims regarding this will not be accepted once the product has been applied.
- Do not apply the product in extreme conditions, such as on frozen substrates or in the presence of fog/excessive humidity. To avoid aesthetic and functional defects, adequate shielding must be provided in case of direct exposure to sunlight.
- Make sure that the ambient, substrate and product temperatures are between +5°C and +35°C during application and drying.
- Take care of the product until it is completely dry and at least for the first 48-72 hours, protecting it from rain, wind, adverse weather conditions and direct sunlight.
- The temperature and humidity levels can accelerate (if high) or slow down (if too low) the curing process, even drastically, and they can even stop it altogether.
- The presence of scaffolding, the use of natural raw materials and the impossibility of controlling the atmospheric and substrate conditions can lead to signs of shrinkage and unevenness for which Licata SpA shall not be held responsible.
- The fresh product can be washed with water.

**SAFETY**

Protect eyes and hands during application.

Read and keep the latest version of the Safety Data Sheet available for information on the correct disposal, storage and handling of the product.

**NOTES**

This data sheet replaces and voids all previous versions.

The instructions and performance information given in this document are based on our current technical-scientific knowledge and must in any case be considered purely indicative and refer to standard laboratory conditions. The purchaser must, therefore, check that the product is suitable for his specific requirements. All of the documents required for the safe use of **licata SpA** products is available in their most recent versions on the company website [www.licataspa.it](http://www.licataspa.it). Moreover, our technical-commercial network guarantees rapid consultancy and is at your disposal for information and explanations. For further information, contact the Licata Technical Service at [servizio-tecnico@licataspa.it](mailto:servizio-tecnico@licataspa.it)

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