

## LENA 522 RapidFloor

QUICK-DRYING SCREED FOR FLOOR FILLING AND LEVELING

### 1. PRODUCT DESCRIPTION

**LENA 522 RapidFloor** is a pre-bagged dry mortar composed of hydraulic binders, limestone and silica aggregates and additives designed to produce quick-drying filling and levelling screeds.

**LENA 522 RapidFloor** is supplied in 25 kg bags and packed in plastic pallets of 60 bags. Provided that it is kept in its original packaging, the product has a shelf life of 6 months under storage conditions in which it is protected from high temperatures and humidity.



### 2. DOMÍNIO DE UTILIZAÇÃO

**LENA 522 RapidFloor** is suitable for the production of screeds for use on interior and exterior floors and can be applied on concrete surfaces, cement screeds, thermal and acoustic insulation panels, and underfloor heating.

It can be used on all types of coatings: tiles, natural stone, parquet, linoleum, and carpet, among others.

Before parquet is fixed, the residual moisture of the screed must be determined as being less than 2%. This is achieved once the screed has been left to dry for 48 hours under the following conditions: an average screed thickness of 5cm laid at room temperature in relative humidity of T=20°C and 65%, respectively.

**LENA 522 RapidFloor** screed mortar is not intended for use as a final finish.



### 3. PRODUCT CHARACTERISTICS

ADHESIVE POWDER	Average Values*	Reference Standard
Appearance	Grey powder	-
Density	1600 kg/m <sup>3</sup>	-
Granulometry	Thick (<4.0 mm)	-

HARDENED ADHESIVE	Average Values *	Reference Standard
Flexural strength	≥ 3.0 N/mm <sup>2</sup>	EN 13892-2
Compressive strength	≥ 25.0 N/mm <sup>2</sup>	EN 13892-2
Reaction to fire	Class A1fl	EN 13813

HARDENED ADHESIVE	Average Values *	Reference Standard
Application temperatures	+5°C a 30°C	-
Mixing water	10,5%	-
Guideline usage	17 kg/m <sup>2</sup> /cm	-
Working time once mixed	60 minutes	-
Drying time	3-4 hours	-
Cure time	≈ 12 hours	-
Wait time for:		
Laying of ceramics	24 hours	-
Laying parquet	48 hours	-

\*Results obtained in tests carried out under standard conditions; real usage may vary depending on the conditions of use.

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### 4. APPLICATION RECOMMENDATIONS

#### • Preparing surfaces:

Surfaces must be clean and free of dust and release agents and must be dry and stable. Whenever applied to an old surface, adhesion primer must be applied prior to **LENA 870** in a ratio of 1:1 (1 part water to 1 part **LENA 870**).

#### • Preparing the mortar:

Mix **LENA 522 RapidFloor** in suitable equipment (add 2.6 litres of water per 25kg bag).

#### • How to use:

**LENA 522 RapidFloor** can be applied as a traditional mortar with no need for any previous specific preparation of surfaces other than those advised as part of good construction practices. Spread the previously pressed mortar on the surface until you have produced an even layer. Subsequently, use battens and a trowel to smooth the surface until it has produced the final coating desired.

The layer of mortar should have a depth of between 2 and 8 cm. Whenever necessary, the coating can be reinforced with a wire mesh of a size and pitch suitable for the desired outcome.

Fraction screed for use on wall joints and other protrusions. The maximum area on which it should be used without fractioning is 40 m<sup>2</sup>.

### 5. FURTHER ADVICE

- Water mixed with the screed should not contain any impurities (clay, organic matter) and should preferably be drinking water.
- Do not apply product that has started to set or softened mortars.
- Do not add any other products to the mortar, and use the product as presented in its original packaging and prepared according to recommendations.

### 6. HEALTH AND SAFETY

Product Safety Data Sheet available for consultation at [www.argatecnic.pt](http://www.argatecnic.pt) or upon request from our Sales Services.

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## 7. TECHNICAL ASSISTANCE

For technical assistance and sales information, contact:

**LENARGATECNIC, LDA.**


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**www.argatecnic.pt**

## 8. CE MARKING

	LENA 522 RapidFloor EN 13813 CT-C25-F3 Cement-based screed mortar, not intended for use as a final finish. Performance declaration no. 522B PDO
<p><b>LENARGATECNIC, LDA</b>  <b>Rua dos Castanheiros, nº 11 Boa Vista</b>  <b>2420-415 LEIRIA, Portugal</b></p>	

*The information, recommendations and technical characteristics presented in this Technical Data Sheet are provided in good faith and are based on the current knowledge we have of the product. These may be altered without prior notice. Our responsibility is limited to guaranteeing the quality of the product provided according to the physical-chemical characterisation presented in this Technical Data Sheet. We cannot make any guarantees concerning its correct application, even if inferred from these instructions or contained within oral or written recommendations.*



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