

# REABILITA Cal Screed

NATURAL HYDRAULIC LIME BASED SCREED

TC.E.1123.2 EN

## 1. DESCRIPTION

The **REABILITA Cal Screed** is a filling screed exclusive formulated with natural hydraulic lime, calcareous and siliceous aggregates and additions.

## 2. FIELD OF APPLICATION

A **REABILITA Cal Screed** is especially formulated for the execution of filling and leveling layers over internal floors, constituting a layer capable of receiving all types of finishes\_ wooden floors, ceramics, decorative stone, cork and vinyl, among others.

The **REABILITA Cal Screed** mortar is specially indicated for breathable, highly permeable flooring systems, applied in both new construction and renovation. The **REABILITA Cal Screed** is also an integrated element of flooring renovation solutions, where the objective is to avoid capillary rising (see **Secil CORKCRETE**).

## 3. PRODUCT CHARACTERISTICS

PRODUCT IN POWDER	VALUE	STANDARD
Color	Beige	-
Grain size	< 3,5 mm	-

PRODUCT IN PASTE	VALUE	STANDARD
Mixing water	15 %	EN 1015-2
Air content	8 %	EN 1015-7
Density	2100 ± 50 kg/m <sup>3</sup>	EN 1015-2
Theoretical Consumption	19,5 kg/m <sup>2</sup> /cm	-

HARDENED PRODUCT	VALUE	STANDARD
Flexural strength (28 days)	≥ 0,8 N/mm <sup>2</sup>	EN 1348
Compressive strength (28 days)	≥ 1,9 N/mm <sup>2</sup>	EN 1346
Density	1950 ± 50 kg/m <sup>3</sup>	EN 1015-2
Elasticity module	4800 ± 100 MPa	BS 1881-5

## 4. APPLICATION

### Preparing the mix

The **REABILITA Cal Screed** must be mixed with a specific mixing machine for the preparation of screeds or in a normal mixer, adding 4 to 5 liters of water for each bag of 30 kg.

It is essential to dose the water very carefully, in order to ensure a uniform consistency as well as an optimized workability for the application. Water must never be added to soften the mortar afterwards.

## Secil Argamassas

Secil Martingança, S.A.  
Customer Support: Apartado 2 | 2406 – 909 – Maceira – LRA – Portugal  
Tel: +351 244 770 220 | Fax: +351 244 777 997 | E-mail: comercial@secilargamassas.pt



www.secilargamassas.pt

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## Application

The application of the **REABILITA Cal Screed** is conducted according to the good practices of traditional screed applications, without the need of any special procedure or care. Therefore, the mortar must be spread over the substrate, leveled, and then battened, in order to obtain a smooth surface ready for finish.

The **REABILITA Cal Screed** is applied in thicknesses between 2 and 6 cm.

## Restrictions

The **REABILITA Cal Screed** must not be applied in ambient and substrate temperatures below 5 °C and above 30 °C.

## Additional advice

- ▶ The mixing water must be free from impurities (clay, organic matter), preferably tap water;
- ▶ Do not apply any mortar that has exceeded its open time. Do not weaken the mortars by adding water, after preparation
- ▶ Do not add any other material to the mortar; **REABILITA Cal Screed** must be applied as it is presented in its original packaging.

## 5. PACKAGING AND VALIDITY

### Packaging

25 kg paper bags on plasticized pallets of 60 bags.

## Validity

12 months provided the conditions of the original packaging remain unaltered and in good storage conditions, protected from extreme temperature and humidity.

## 6. ASSOCIATED PRODUCTS

- ▶ **Line of products REABILITA Cal**  
(Products for rehabilitation and renovation based on NHL)
- ▶ **Secil CORKCRETE**  
(Light limecrete with NHL and cork)

## 7. HEALTH AND SAFETY

(DOES NOT REPLACE CONSULTATION OF THE PRODUCT SAFETY DATA SHEET)

- ▶ Irritating to eyes, respiratory system and skin;
- ▶ May cause sensitization by skin contact;
- ▶ Do not breathe dust;
- ▶ Avoid contact with eyes and skin;
- ▶ In case of contact with eyes, rinse immediately and abundantly with water and seek medical advice;
- ▶ Wear protective clothing and appropriate gloves;
- ▶ Keep out of children's reach

*Being in conditions of applying our products out of our reach we do not take responsibility for its misuse. It is the customer's duty to verify the suitability of the product for the intended purpose. In any case, our responsibility is limited to the value of the goods supplied by us. The information contained in the present data sheet may be altered without prior notice. In case of doubt and if you need any further advice please contact our Technical Services.*

*Review of May 2013  
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