



## DECLARATION OF PERFORMANCE (DoP)

### SUPER SAND AND fibre-reinforced CEMENT

1. Single identification code of the product-type:

Note - the "lot" is identified by the date listed on the PACKAGE and/or delivery note. This DoP is valid for the lots realised from the issue date of this DoP until the following one (downloadable from the website).

2. Intended uses:

**CEMENT-BASED SCREED (CT) to be used inside buildings.**

3. Manufacturer:

**GRAS CALCE srl**

Tel +39 02 90964141 Fax +39 02 90962801

**Via A. Grandi 5 - 20056 Trezzo sull'Adda (MI), Italy**

www.grascalce.it info@grascalce.it

4. Agent:

not applied (DoP and technical documentation are kept by the manufacturer).

5. A.V.C.P systems:

(Assessment and Verification of Constancy of Performance)

**System 4**

6a. Harmonised Standards:

**UNI EN 13813:2004**

Control notified bodies:

not provided by the standard

6b. European Technical Assessment:

not applicable (for these products there are "harmonised technical standards").

7. Declared performance:

**screed designation: EN 13813 CT-C16-F5**

Essential characteristics	Test method	Point of EN 13813	Cat.	Performance EN 13813	notes	Special screed destinations:
Reaction to fire	without tests	5.3.4	M	<b>A1fl</b>	---	---
Release of corrosive substances	---	5.3.5	material type	<b>CT</b>	cement-based screeds	---
Water permeability	EN 1062-3	5.3.8	---	<b>NPD</b>	---	to resist water penetration
Water vapour permeability	EN 12086	5.3.6	---	<b>NPD</b>	---	to control humidity diffusion
Compressive resistance	EN 13892-2	5.2.1	class C	<b>C16</b>	≥ 16 N/sq.mm	---
Flexural strength	EN 13892-2	5.2.2	class F	<b>F5</b>	≥ 5 N/sq.mm	---
Wear resistance (Böhme)	EN 13892-2	5.2.3	class A	<b>NPD</b>	---	for surfaces subject to wear
Sound insulation	EN ISO 140-6	5.3.9	---	<b>NPD</b>	---	to be measured only for assembled systems
Sound absorption	EN 12354-6	5.3.10	---	<b>NPD</b>	---	for acoustic conditioning
Thermal resistance (Thermal conductivity)	test EN 12664	5.3.7	λ	<b>0.99</b>	W/(m · K)	to contribute to thermal resistance in building constructions
Chemical resistance	EN 13529	5.3.3	CR	<b>NPD</b>	---	---

**NPD** = no performance determined (the characteristic is not subject to prescription requirements for the foreseen intended use)

**Performance not measured as it is an alternative to that indicated above:**

BCA wear (class AR), wear to rolling wheel (class RWA). They are alternatives to the Böhme method (see point 5.2.3 of the standard).

Thermal Conductivity with the tabular method of EN 12524 (alternative to the test with EN 12664).

8. Appropriate and/or specific technical documentation: "simplified procedures" do not apply (art. 36, 37 and 38, CPR 3052011).

The performance of the product identified above is complying with the declared performance. This responsibility declaration is issued, in compliance with regulation (EU) no. 305/2011, under the sole responsibility of the manufacturer identified above. Signed for and on behalf of the manufacturer by:

Giuseppe Cereda (legal representative)

Place and issue date:

Trezzo sull'Adda (MI), Italy, on date  
**01/11/2016**



**Gras Calce S.r.l.** - Via A. Grandi, 5 – 20056 Trezzo s/A (MI), Italy  
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**EN 13813:2004**

**CT-C16-F5**

**CEMENT-BASED SCREED (CT) to be used inside buildings**

Reaction to fire:	A1 fl
Release of corrosive substances:	CT
Water permeability:	NPD
Water vapour permeability:	NPD
Compressive resistance:	C16
Flexural strength:	F5
Wear resistance:	NPD
Sound insulation:	NPD
Sound absorption:	NPD
Thermal resistance:	$\lambda$ 0.99 W/mk
Chemical resistance:	NPD
Hazardous substances:	See Safety sheet

DOP No.: 400N-201611