



<b>PRODUCT</b>	<b>Calsint</b>
<b>MISSION</b>	Binder for synthetic screeds and groutings
<b>CHARACTERISTICS</b>	<p>Calsint is an epoxy resin based product, two- component, without solvent. It's used for the realization of synthetic screed in combination with quartz sand or various aggregates, to receive a treatment with polyurethane or epoxy resins in the realization of industrial floorings.</p> <p>Thanks to his fluid formulation, Calsint is used to realise chemical groutings of steel bar in concrete for the constructions joints. Calsint has excellent adhesion on cement, offers stability and high mechanical properties to the grouting.</p>
<b>APPEARENCE</b>	Comp. A: low viscosity neutral liquid Comp. B: low viscosity straw yellow liquid

**CHARACTERISTICS OF THE LIQUID PRODUCT**

CHARACTERISTICS	VALUE	TOLERANCE	U.M.
Specific weight	1,10	± 0,02	Kg/dm <sup>3</sup>
Dry mass residue	100	± 1	%
Brookfield Viscosity (rotor n.4, speed 5)	800	± 100	cPs
Mixing ratio by weight	A : B = 67 : 33		

**APPLICATION INSTRUCTIONS**

TOOLS	THINNING	TYPE OF THINNER	TOOL CLEANING
Aluminium bar (if used as binder for synthetic screeds)	Ready to use		DIL S1

<b>APPLICATION METHOD</b>	<p>For the preparation of synthetic screeds is recommended to mix first the two components until reach an homogeneous product and after add the selected aggregates; you can use mixer for cement to obtain the perfect blend where the aggregates are perfectly wet with Calsint.</p> <p>The mixing ratio between Calsint / quartz sand may vary depending of the granulometry of the aggregates; we recommend to make some test to determinate the right ratio.</p>
---------------------------	---

<b>LAYING SURFACE</b>	The deck must be perfectly clean, free from oils, grease, dust and humidity (below 5 %)
-----------------------	---

<b>CONSUMPTION</b>	The consumption of Calsint depend from the granulometry of the aggregates and the thickness. Is recommendable to make previous tests to calculate better the consumption.
--------------------	---

<b>APPLICATION INSTRUCTIONS</b>	Application temperature limit for environment and deck: MIN 5 – MAX 30° C
---------------------------------	---





<b>HARDENING AT 23° C AND 50 % U.R.</b>	<p>Pot life: 50' To touch: 5 – 6 h Complete hardening: MAX 7 day</p> <p>The times indicated refer to standard laboratory conditions. Drying times are strongly affected by the weather; high temperatures and exposure to direct sunlight accelerate hardening; shadow and low temperatures delay hardening. During winter it is advisable to lay the product in the middle of the day when it is warmer. Always ensure that the previous layer has hardened perfectly before applying a new coating.</p>
---	---

<b>CHARACTERISTICS OF THE DRY PRODUCT</b>		
<b>CHARACTERISTICS</b>	<b>VALUE</b>	<b>U.M.</b>
Compressive strenght	> 85	MPa
Resistance to flexotraction	> 70	MPa
Shore D hardness	> 80	

<b>PACKAGING INSTRUCTIONS</b>	<b>COLOURS AVAILABLE</b> Neutral	<b>PACKAGING</b> A + B = 1 – 4 Lt
<b>STORAGE INSTRUCTIONS</b>	<b>STORAGE TEMPERATURE</b> MIN 5° C – MAX 35° C	<b>STABILITY IN THE ORIGINAL PACKAGE</b> 6 months
<b>SAFETY STANDARDS</b>	Please read the safety data sheet carefully before using this product.	