

# OXIDE CIMENTART

# TECHNICAL SHEET

Ultra fine Decorative  
Microcement

Corten Steel, Cooper,  
Bronze and Natural Oxide  
decorative finish

High adherence over any  
surface.

Easy and fast application.

High abrasive resistance.

Floors and  
indoors/outdoors walls.

**CIMENTART®**  
MICROCEMENT



**INNOVATIVE SME**

Valid until Jul 21st 2025



**Committed with the environment.**

## OXIDE CIMENTART – DATA AND TECHNICAL SHEET

**OXIDE CIMENTART** is a working system with Microcement, which creates decorative effects imitating natural rust. It has composed of a cement base, synthetic resins, aggregates, minerals, with a especially thin granulometry.

Once the Microcement has been applied, **Activity CimentArt** is applied and the main characteristic of this product is the ability to “burn” the cement, creating a very natural rust effect that is very easy to achieve.

### TECHNICAL DATA

<b>Presentation</b>	<b>White powder</b>
<b>Regulations</b>	<b>EN 197-1:2000</b>
<b>Apparent Density of the material</b>	<b>1,2 ± 0,1 g/cm<sup>3</sup></b>
<b>Granulometry</b>	<b>0,1 – 0,2 mm</b>
<b>Density of the mixed product</b>	<b>1,4 ± 0,2 g/cm<sup>3</sup></b>
<b>Clinker</b>	<b>85 to 94 %</b>
<b>Additions</b>	<b>Limestone LL 6 to 27%</b>
<b>Minority</b>	<b>5 to 10%</b>
<b>Added Minerals</b>	<b>31 to 35 %</b>
<b>Setting beginning +- 45 min</b>	<b>+ - 10 min</b>
<b>Expansion beginning</b>	<b>+ - 10 mm</b>
<b>Compression resistance 48 hrs</b>	<b>30 Mpa</b>
<b>Compression resistance 28 days</b>	<b>52,5 Mpa</b>
<b>Transportation</b>	<b>Considered non-dangerous material</b>
<b>Storage</b>	<b>Considered non-dangerous material</b>

### SURFACES AND APPLICATIONS

To guarantee a good adherence, the surfaces must be free of dust, grease, particles, mold, etc. Those surfaces that are in a bad condition or any crack son the surface must be fix previously.

**OXIDE CIMENTART** can be applied on floors, walls and ceilings, even on areas that may come into contact with water, such as showers, kitchen and bathroom countertops and outdoor terraces (as long as the water drains away and there are no puddles of water).



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On the support, **CIMENTART Base Microcement** is applied to regularize (**KonCret Base** on floors or **Traditional Base** on walls) and after it needs to be sanded with 40 grit and vacuum the dust well.

### USE INSTRUCTIONS

Mix 750 gr of **Fine Microcement CIMENTART** with ½ liter of **Mixture Resin CIMENTART** and remove well the container content to achieve a perfect homogenization. Use mechanical means.

The mixture must always be soft to be able to work it well.

The application is done with the **Plastic Trowel CIMENTART** for **Fine Microcement**, with short and semicircular movements, in very thin layers of 0.1mm.

Between the first layer and the second application of the **Fine Microcement CIMENTART**, the necessary drying time has to be allowed to achieve a completely dry tact, approximately 1 to 3 hrs.

Apply a second layer in the same way.

The drying time depends on the temperature, ventilation and humidity on the area.

A third layer may be necessary, if the finishing with the second layer is not the desired one.

It is recommended to sand the layers with sandpaper grit 180 or above.

Water is use to clean the tools after the application.

### CHART COLOR

Our working method allows an infinity of finishings and shades of oxide, depending on the color used with the **Fine Microcement CIMENTART**.

We recomend the following color to create this effects: Oxide, Corten, Bronze and Cooper:



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Fine Microcement CIMENTART color	Finishing achieved:
<b>STEEL</b>	<b>NATURAL OXIDE</b>
<b>GREY PEARL</b>	<b>CORTEN</b>
<b>EMERALD</b>	<b>BRONZE</b>
<b>CORAL</b>	<b>COOPER</b>

**FINE MICROCEMENT CIMENTART- OXIDATION PROCESS**

To obtain the oxide effect, mix a 125 ml bottle of **Activity CIMENTART** (Oxide activator) with 125 ml of water.

Moist a sponge with the earlier mixture (**Activity CIMENTART** with water) and with short, semicircular movement rub the surface.

This action can also be done using a spray or paint spray gun.

The application with sponge or the spray must be done in a controlled fashion avoiding dripping in the walls and puddles on the floor.

Let it dry completely to achieve the result and apply a second layer in the same fashion. If you desire to smooth any area, this action can be repeated more times, either in the whole surface or per areas.

Do not abuse with **Activity CIMENTART** since the more amount of **Activity CIMENTART** you apply, the more it “burns” the cement and the more it oxidizes (usually it darkens more with each application) and the process cannot be reversed.

**OXIDE CIMENTART SEALING**

24 hours after the application of the last layer of **Activity CIMENTART**, if there is any excess of **Activity CIMENTART**, remove it with a dry cloth or absorbent paper, rubbing the surface to



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remove the excess (there may be an excess or **Activity CIMENTART**, especially on floors). After this process we proceed to the application of the **OXISEALER CIMENTART**.

The **OXISEALER CIMENTART** is a product ready to be use and its application is done with a sponge, a roller or a paint spray gun, in a thin layer. Never apply an excess layer.

Make sure every area is completely covered.

Allow to dry for 6 h.

To finish and create a perfect impermeability apply two or three layers of **HARD Bi-component Polyurethane CIMENTART** with thin layers.

The Tools use with all the products is cleaned with water. Cleaning the tools for **HARD Bi-component Polyurethane CIMENTART** with thinner.

### PACKAGING FORMAT FOR THE COMPLETE SYSTEM

- Primer: ½, 1, 5 and 25 kg.
- Fiberglass mesh: 10 and 50 m2.
- Base KonCret: 5 and 25 kg. Tradicional Base: 5 and 20 kg.
- Fine Microcement: 4 kg and 15 kg.
- iCem: 5 kg and 20 kg.
- Mixture Resin for Microcement: 1 kg, 5 kg, 10 and 25 kg.
- Activity: 125 ml.
- OxiSealer: ½, 1, 5 y 25 kg.
- Hard Bi-component polyurethane: 1,5 y 6 kg.



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### PRECAUTIONS

Do not use with the risk of freezing or raining. Do not use it with a temperature inferior to 5°C or superior to 35°C.

\* We recommend to do tests before doing any work with the **Activity CIMENTART** in order to control better the application of this product done either with a sponge or a spray. In this fashion you will acquire knowledge of the product and achieve the desired finishing

It is important to make test before every application and take note of the results.

Do not use the **Activity CIMENTART** on **Aqua Microcement** (this microcement does not absorb the **Activity CimentArt**).

On areas with capillary humidity it is not recommended to use **Oxide CIMENTART**.

Use the adequate personal protection equipment, these products may cause eyes irritation. Do not allow the reach of children, contact with eyes and skin by using the proper PPE (personal protection equipment). In the case of the product been in contact with the eyes, clean with plenty of water and consult your doctor in case of any complications.

### STORAGE

12 Months, in a place completely dry and protected from the weathering in its original container, hermetically closed.

CIMENTART MICROCEMENT SL. Our systems and work methods base on the investigations undertaken and years of expertise. We guaranty that our products are manufacture, package and label in accordance with the rule ISO 9001:2008. Not liability shall be assume if the result is affect by factors out of our control.  
*The final user must test that the provided product fulfills the necessities, by doing a prior test on each need it case*  
Review date: 04-07-23.  
*The following additions to this technical sheet cancel the previous publications.*

