DESCRIPTION:
Superficial densifier, hardener and anti-dust based on active nano-particles silica, for concrete and other surfaces with high calcium carbonate content and pigmented floors, free of metal ions.

USES:
* Densifier. It acts by penetrating into the pores of the concrete surface generating a compound of higher molecular weight that binds to the walls of the pores and partially closes them, making the concrete a polishable surface and more resistant to the absorption of liquids and dirt.
* Concrete hardener and anti-dust. It acts by converting the weak surface layer from concrete bleeding into a harder and less dusty layer.
* Other surfaces. It densifies and hardens other surfaces with high Calcium Carbonate contents such as cement terrazzo floors and marble stones.
* Densifier and pigment fixative on colored floors.

ADVANTAGES:
* It has nano-particles of active silica, which give it an extraordinary efficiency and penetration up to 10mm.
* It generates an insoluble hard salt that when polishing the floor it achieves a more uniform reflection of light.
* It is more environmentally friendly than silicate-based densifiers.
* Concentrated, which facilitates its handling and storage.
* Does not require waiting or rinsing times.
* It does not form a vapor barrier, so it does not peel or rise.
* Increase resistance to stains.
* It can be applied to new or old concrete and other surfaces such as cementitious terrazzo floors and marble.
* Moderate pH compared to silicates.
* Increase resistance to traffic and scratching.
* Increase the hardness of concrete floors.
* Rejuvenate old concrete floors.
* Free of nitrate, chloride and metal ions.
* Fix and seal pigments on colored floors.
* Does not stain if overdosed.
* Permanent results.
* Easy to apply.

PRELIMINARY CONSIDERATIONS:
The surface must be clean and dry, free of dust and loose particles, grease and oils.

If the floor is to be polished, it must have a minimum compressive strength of 250 kg/cm².

HOW TO USE FOR FLOOR POLISHING:
Dilute 1 part of product into 4 parts of water. If the concrete is very new, a dilution of 1 part of product in 6 of water is recommended. DO NOT USE PURE, since the product achieves its maximum effectiveness at the recommended dilutions and will not obtain better results by using it more concentrated.

On the clean and dry surface, apply Nanocrete Densifier LC2 with new or exclusive microfiber mop for this use, or with a sprinkler. Distribute the product evenly to thoroughly impregnate the surface. Watch to dry the entire surface evenly, otherwise distribute the product with a broom. Do not step on the application with dirty shoes, use clean safety shoes or rubber boots to walk on the wet product. Allow to dry thoroughly and proceed to polishing.

It is recommended to apply the Nanocrete Densifier LC2 after the last diamond or before the #200 resin, which is when the pore opening achieves an optimal absorption of the product. It is also recommended to apply a second layer after #200 resins to achieve higher gloss. More layers could be applied upon applicators criteria. In pigmented floors, follow the application instructions of the pigment.

The product will stain any metal surface, painted or glass. Wipe up spills immediately with water. When finished, wash the tools with running water.

AS HARDENER AND DUST REDUCER:
Follow the “how to use” dilution instructions.

On the clean and dry surface, apply Nanocrete Densifier LC2 preferably with a sprinkler or in its defect a microfiber mop for this use. Distribute the product evenly to impregnate the surface. Be sure to dry the entire surface evenly, otherwise distribute the product with the sprinkler or broom.

It is normal for the tone of the floor to be slightly darker.
TECHNICAL DATA SHEET  
NANOCRETE DENSIFIER LC2  
CONCENTRATED DENSIFIER, HARDENER AND ANTI-DUST FOR CONCRETE, PIGMENTED FLOORS AND OTHER SURFACES, METAL IONS FREE

TECHNICAL DATA:

<table>
<thead>
<tr>
<th>Size</th>
<th>Gal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kind</td>
<td>Pail</td>
</tr>
<tr>
<td>Units</td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>Colorless liquid</td>
</tr>
<tr>
<td>Dilution</td>
<td>New concrete 1:6</td>
</tr>
<tr>
<td>(parts of product:parts of water)</td>
<td>Existing concrete 1:4</td>
</tr>
<tr>
<td>Solids content</td>
<td>18% w/w approx</td>
</tr>
<tr>
<td>Particles size</td>
<td>4-6 nanometers</td>
</tr>
<tr>
<td>Density</td>
<td>1.2 gr/mL</td>
</tr>
<tr>
<td>Solvent for cleaning</td>
<td>Water</td>
</tr>
<tr>
<td>Viscosity @25°C</td>
<td>10 cPs</td>
</tr>
<tr>
<td>pH</td>
<td>9-10</td>
</tr>
<tr>
<td>Drying time @25°C &amp; 50% HR</td>
<td>1 hour</td>
</tr>
<tr>
<td>Application temperature</td>
<td>4 - 40°C</td>
</tr>
<tr>
<td>Number of layers</td>
<td>Minimum 1</td>
</tr>
<tr>
<td>Coverage*</td>
<td>34 – 45 m²/Gal</td>
</tr>
</tbody>
</table>

*Referred to gallon already diluted. Consumption will depend on roughness and porosity of the surface.

STORAGE:  
Avoid direct sunlight.  
Store in the shade at a temperature over 5°C but no higher than 30°C.  
The product has a shelf life of 48 months in its closed container.  
The maximum stowage is 3 pails or 4 gallons boxes superimposed.

PRECAUTIONS:  
Wear rubber or nitrile gloves and safety glasses.  
Keep out of the reach of children.  
Refer to the Material Safety Data Sheet.

COMPONENTS:  
Active nano-micronized silica.

Important Note: OSHA and the American Disabilities Act (ADA) establish that the coefficient of friction is 0.6 on horizontal surfaces and 0.8 on inclined surfaces such as ramps. RECUBRIA recommends the use of anti-slipping aggregate (such as quartz or silica sand) on all floors, ramps, stairs and / or unevenness that may be exposed to moisture, oils or grease. It is the responsibility of the Applicant Contractor and the End Customer to ensure compliance with current safety standards. RECUBRIA or your Local Authorized Dealer will not be held responsible for accidents or injuries caused by a fall or slippage.

- FOR PROFESSIONAL / INDUSTRIAL USE ONLY -

Recubria ® is Registered Trademark. The technical data and instructions in this document are subject to change and updates without prior notice. For the most up-to-date version of this document, visit our website www.recubria.com or ask our local representative.

GUARANTEE: Recubria guarantees its products against defects of materials and workmanship. The sole obligation of Recubria and Buyer's rights with respect to the products under this warranty is limited, at Recubria's option, to replacement of defective products or reimbursement to Buyer of the amount of the price invoiced to them. Any claim under this warranty must be made in writing by the Buyer and sent to Recubria within a period of no more than 5 days after having discovered the nonconformity. In addition to this, the claim can not be made after one year after the delivery of the material or the day immediately after the expiration date of the product, whichever occurs first. In the event that Buyer does not notify Recubria of its nonconformity as mentioned in this warranty, its rights to make any claim under this warranty will be canceled. Recubria does not offer any other warranty concerning this product. No other warranties, whether express or implied, statutory, or warranties of merchantability and fitness for a particular purpose shall apply. Recubria will not be responsible for any event for consequential or incidental damages, nor for accidents due to slippage. Any recommendation or suggestion made by Recubria regarding the use of products, whether in its technical literature, or in response to a specific or similar question, is based on our best knowledge of the product, which is shown as accurately as possible and good faith. However, it is intended that the products and information provided be used by experienced purchasers in industrial applications, and therefore the Buyer is responsible for the choice of the product suitable for the application to be made, as well as the correct use thereof, by therefore the purchase and use of the products are at the full risk and discretion of the Buyer. Variations in environmental conditions, changes in operating instructions, or extrapolation of technical data may result in unsatisfactory results. If a sample was provided, Recubria does not guarantee that the color of the material supplied belonging to a batch other than that of the sample will be exactly the same.

RECUBRIA – We are the Surface Experts
Tel.: +1. 809.563.9009 / 828.661.4599 / 809.876.2915
Email: soluciones@recubria.com / productos@recubria.com

www.recubria.com