



## HYDROCAL 2

Self-hardening calcium hydroxide paste.



## SUPRACAL

Ready-to-use calcium hydroxide paste.



## SUPRALINER

Single-component, ready-to-use, light-cured calcium hydroxide and dimethacrylates material.

### Applications:

- Direct and indirect pulp capping.
- Cavity base under all usual filling materials.

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- Dentine-pulp protection under all types of fillings.
- Temporary filling of root canals.

- Cavity base for all filling materials.
- Indirect pulp capping.



## Why choose R&S calcium hydroxides?

**+ Promote the formation of secondary dentine**  
Protect the pulp against thermal shocks.

**+ Resistant to acid-etch**  
Compatible under all filling materials.

**+ Strong bactericidal effect**  
Act like a disinfectant and prevent bacterial growth.

**+ Radiopaque**  
Allow the detection of secondary caries.

**+ Alkaline pH**  
Reduce pulp irritations.

## Advice from our professional dentists



- Thanks to calcium hydroxides, the pulp is protected by the formation of a barrier which prevents bacteria from entering the pulp chamber.
- When using a calcium hydroxide as a cavity base, I use **SUPRALINER**. If higher adhesion levels are desired when using adhesive filling techniques, an adhesive can be used before **SUPRALINER** is applied.
- If the paste in the **SUPRACAL** protective cap has become thick, you can renew the protective function by adding 1 or 2 drops of distilled water.

## Technical data and use

	 <b>HYDROCAL 2</b>	 <b>SUPRACAL</b>	 <b>SUPRALINER</b>
<b>Shade</b>	Base: beige yellow Catalyst: yellow white	White	Light beige
<b>Compressive strength (MPa)</b>	> 10	n.a.	110 - 135
<b>pH</b>	11	> 12.5	11 - 11.5
<b>Advantages</b>	<ul style="list-style-type: none"> <li>✓ Easy application.</li> <li>✓ Appropriate working time.</li> </ul>	<ul style="list-style-type: none"> <li>✓ Endodontic antiseptic for inter-appointment.</li> <li>✓ Quick and easy application.</li> <li>✓ Accurate dosage.</li> <li>✓ Its pH neutralises acid agents and ensures antiseptic function.</li> </ul>	<ul style="list-style-type: none"> <li>✓ Saves time thanks to light-curing and direct application.</li> <li>✓ Ready-to-use single-component.</li> <li>✓ Specifically designed to be used with composites and adhesives.</li> <li>✓ High resistance to compression.</li> </ul>
<b>Composition</b>	26% calcium hydroxide.	40.5 to 49.5% calcium hydroxide.	< 5% calcium hydroxide and dimethacrylates.
<b>Use</b>	<ul style="list-style-type: none"> <li>- Proportion of paste volume base/catalyst: 1: 1.</li> <li>- Working time: 2 min.</li> <li>- Setting time in mouth: 2-4 min.</li> </ul>	<ul style="list-style-type: none"> <li>Ready to use.</li> <li>Allow each layer to dry briefly or carefully dry using the air syringe.</li> </ul>	<ul style="list-style-type: none"> <li>Ready to use.</li> <li>Apply in 1mm layers and polymerise each layer for a minimum of 20 sec. under a blue light.</li> </ul>
<b>Packaging</b>	Tubes of 13g base + 11g catalyst.	1 x 2ml syringe + 2 needle tips.	2 x 2ml syringes + 20 needle tips.
<b>Shelf life (in years)</b>	2	2	2
<b>References</b>	12-801	12-306	105-465

## Additional products

### Diamond burs



### Light-curing composites



### Mixing spatulas and mouth spatulas

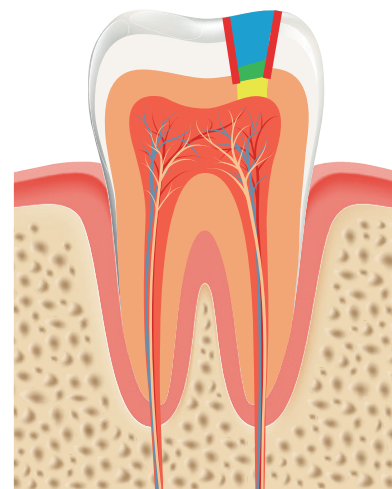


### Curing lamps



## Examples of applications

- Restoration
- Cavity base → Hydrocal 2 or Supraliner
- Pulp capping → Supracal



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