

NO-CRACKS

Liquid sealant for micro-cracks in swimming pools and concrete tanks to stop small leaks.



WARNING

NO-CRACKS must not be used:

- ◆ For other applications without consulting our Engineering Department previously.
- ◆ For LARGE leaks. **NO-CRACKS** can only seal micro-cracks in concrete that are normally invisible...
- ◆ For other materials that DO NOT contain cement.

FIELDS OF APPLICATION

- Ideal for concrete tanks, pools, pipes, etc. and generally any water-holding structure made from cement.
- When, for instance, a pool loses water at a maximum rate of 80 litres/day, you can attempt to seal any micro-cracks in the concrete without emptying out the water, and before taking more aggressive measures.

TECHNICAL CHARACTERISTICS

NO-CRACKS is a liquid additive that is added to the water in the pool on the recirculate setting, by-passing the filter. In 48-72 hours, **NO-CRACKS** acts by reacting with the calcium hydroxide in the hydrated cement to form insoluble microcrystals that plug the microcracks, stopping any leaks. The proper dosage is 1 kg per 60 m³.

Distinguishing features:

- ◆ Totally harmless to bathers.
- ◆ The crystals formed are totally insoluble, so they will last indefinitely.
- ◆ It reacts naturally with the cement in the structure to be repaired.
- ◆ Easy to use: add undiluted directly to the water.

DIRECTIONS FOR USE

◆ Preparing a swimming pool:

Change the multi-function valve of the water cleaning system to the 'recirculate' setting, by-passing the filter.

◆ Add NO-CRACKS:

- Guided by the dosage chart below, add the recommended dose of **NO-CRACKS** directly to the pool water.
- If you think the leak could be in a pipe, **NO-CRACKS** can also be added directly into the skimmers.
- Keep the system on the recirculate setting for 48-72 hours **max**.
- The pool must NOT be used during this time.

◆ **Finishing the process:**

On determination that **NO-CRACKS** has been effective and the leak has been plugged, or where 72 hours pass and the leak turns out to be bigger than expected, the multi-function valve **MUST IN ANY CASE** be returned to the filter setting and the pH of the water regulated, as the water will be a little more alkaline at the end of the process.

◆ **What to do if the leak cannot be stopped:**

In the first place, you must be aware that there may not have been any micro-cracks, rather the opposite: through cracks that are much larger than expected. The ideal thing to do in these cases is to locate the cracks using thermal imaging or chemical methods and to seal them appropriately (consult the specification sheet for **SELLADOR S10**). Another possibility is to re-waterproof the pool using the method 'Re-waterproofing without removing old tiles'. Consult our Engineering Department for the steps to take.

◆ **Application in drinking water tanks:**

WARNING: the water to which **NO-CRACKS** is added to stop leaks, is **NOT** potable and must be discarded. Once the tank has been emptied, clean the concrete with soap and water, rinse with plenty of water, and refill with clean water.

Examples of dosage according to pool measurements:

Length x Width x Depth:	water (m ³):	NO-CRACKS:
8 x 4 x 1.5 m	48	0.8 kgs
10 x 5 x 1.2 m	60	1 kg
25 x 12.5 x 1.8 m	562	9 kg

TECHNICAL INFORMATION

PRODUCT:

- Type: Liquid sealant reactive with cement
- Density: approx. 37 Baume (+20°C)
- Viscosity: approx. 90 cP (+20°C)
- Toxicity: None
- Irritant: None

APPLICATION:

- Application temperature: +5°C to +35°C
- Action within: 48-72 hours max.

STORAGE:

- In a covered, dry and ventilated place: 36 months

PACKAGING:

- Supplied in: 1-kg bottles



Concrete with micro-cracks that cause leaks in a pool or tank.



Once the **NO-CRACKS** process has finished, microcrystals form inside the pool that stop the leak.