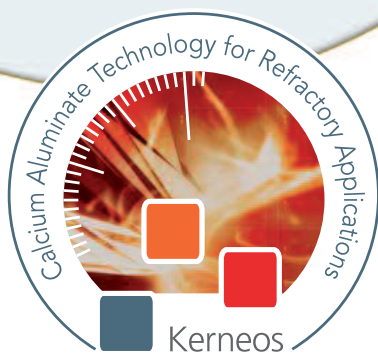


SECAR[®] 712

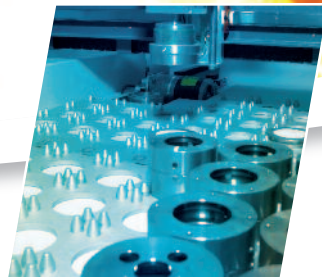


**Delivering time
stable performance**



SECAR® 712

Delivering time stable performance



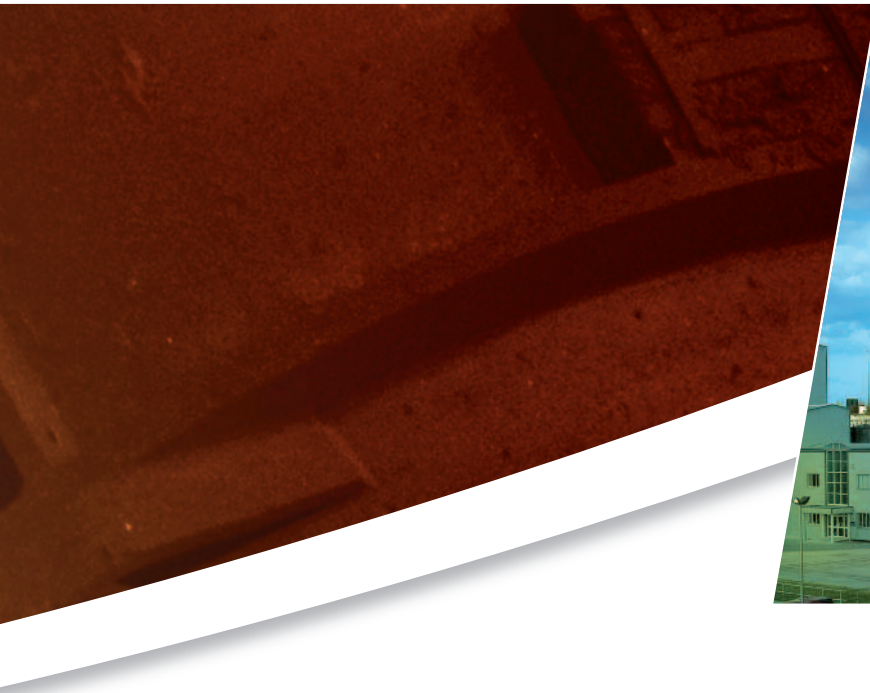
SECAR® 712: A simple equation

SECAR® 712 = SECAR® 71 + long shelf life, time stable

- I SECAR® 712 is the latest product in the family of 70% alumina cements from Kerneos.
- I SECAR® 712 possesses all the attributes of SECAR® 71 such as renowned quality, versatility in all kinds of refractory formulations (from CC to ULCC), worldwide presence through export or local production, superior product performance and technical network with decades of experience to serve customers.
- I SECAR® 712 offers all the features of SECAR® 71 in combination with a scientific breakthrough to ensure time stable properties.

As a result, customers can easily upgrade to SECAR® 712 from SECAR® 71, maintain the legendary performance and simultaneously benefit from the enhanced time stable properties for both the calcium aluminate cement and the dry mixed castable product!

	SECAR® 712	SECAR® 71
Experienced technical network	✓	✓
Superior castable properties	✓	✓
Regularity and Quality stability	✓	✓
Formulation flexibility CC, MCC, LCC, ULCC	✓	✓
Anti-Ageing	✓	



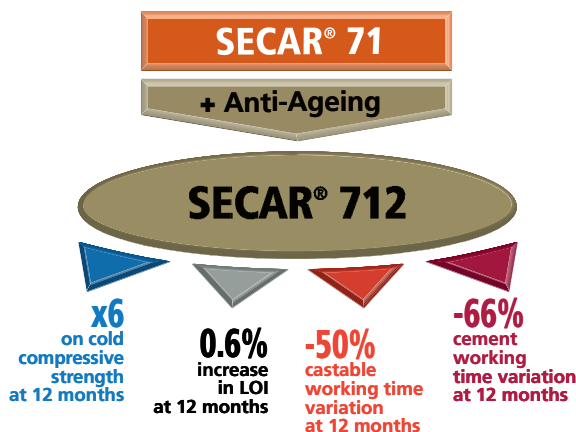
SECAR® 712

The facts

An intrinsic solution to enhance the shelf life of the calcium aluminate cement as well as the formulated castable dry mix.

- - 66% reduction in variation of cement working time after 12 months storage (vs. SECAR® 71)
- - 50% reduction in variation of castable working time after 12 months storage (vs. castable containing SECAR® 71)
- Only 0.6% LOI* pick-up during 12 months storage
- Maintain early age hardening with a significant 6 hour cold compressive strength even after 12 months storage

These results are measured in comparison with SECAR® 71 in a low cement castable.



* Loss On Ignition.

AGEING

Past, present and future

Over the last 30 years, deflocculated castables have experienced tremendous success in the refractory industry all over the world.

Due to the low cement content, a small amount of moisture pick up can represent a significant moisture relative to the cement compared to conventional castables. This moisture pick up in the dry mix can lead to a deterioration of castable properties which leads to shorter shelf-life of LCC, ULCC.

This effect, called 'Ageing', can happen any time as a result of the interactions between castable and moisture and/or CO₂.

Ageing usually results in longer setting time, lower strength and higher risk of on site problem.

To solve the intrinsic ageing issues, Kerneos now offers not only a time stable calcium aluminate cement but one that can also enhance the shelf life of dry mix castables.

Kerneos also supplies technical support and recommendations to help its customers evaluate ageing through laboratory and in-situ testing.

Every customer should consider SECAR® 712 as the best insurance against ageing!

SECAR® 712 is available in 25 kg bags, big bags and bulk. SECAR® 712's shelf life is 12 months and potentially longer when stored in dry conditions in the original packaging.

Worldwide network

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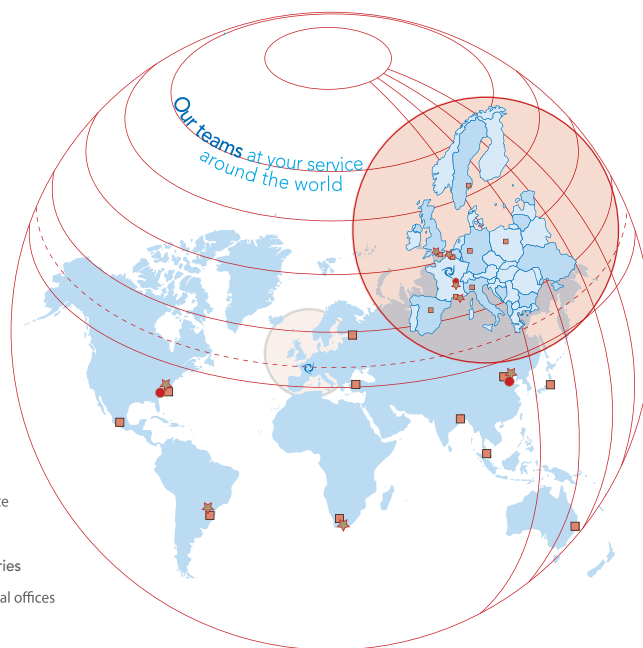
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www.secar.net



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