**SUBMITTAL PACKAGE**



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The **SINAK Pedestrian Deck System** is a two-component curing and sealing solution, consisting of SINAK LithiumCure 1000 & SINAK HLQ-125, for concrete surfaces to receive significant pedestrian and vehicular traffic. The Traffic Deck System will provide a waterproof barrier within the treated concrete for a minimum period of 20 years from the date of application. The treated area is warranted against damage from water, freeze-thaw, salt, acid rain, hydrostatic pressure, osmotic pressure, chloride ion intrusion, surface deterioration and reinforcing steel corrosion.

[Technical Data Sheet – SINAK Pedestrian Deck System](https://sinak.com/wp-content/uploads/2024/04/SINAK-Pedestrian-Deck-System-Technical-Data-Sheet-TDS.pdf)

[Sample Warranty – SINAK Pedestrian Deck System](https://sinak.com/wp-content/uploads/2024/04/SINAK-Pedestrian-Deck-System-Sample-Warranty.pdf)

**SINAK LithiumCure 1000**, classified as Curing Agent, Water Cure Equivalent Type, Penetrating, is topically spray applied at the time of concrete placement, taking the place of traditional water curing methods. Compatible with all sealers, coatings, traffic markings, SINAK LithiumCure 1000 is a cost-effective alternative to all other curing methods, is NSF 61 Potable Water Certified and will reduce labor costs and accelerate the construction schedule.

**Supporting Documentation:**

[Technical Data Sheet - LithiumCure 1000](https://sinak.com/wp-content/uploads/2023/05/SINAK-LithiumCure-1000-Product-Data-Sheet-PDS.pdf)

[MSDS - LithiumCure 1000](https://sinak.com/wp-content/uploads/2022/02/SINAK-LithiumCure-1000-SDS.pdf)  
[Sustainability Certifications & Standards - LithiumCure 1000](https://sinak.ecomedes.com/products/sinak/WALC1005)  
[NSF/ANSI/CAN 61 - LithiumCure 1000](https://info.nsf.org/Certified/PwsComponents/Listings.asp?Company=C0606897&Standard=061)

[Product Spec - LithiumCure 1000](https://sinak.com/wp-content/uploads/2022/09/SINAK-LithiumCure-1000-Product-Specification.docx)

**SINAK HLQ-125**is a zero VOC, permanent, penetrating hydrolyzed lithium quartz sealer that reduces water intrusion, moisture, moisture vapor, alkalinity, hydrostatic pressure and osmotic pressure on new or existing concrete, masonry and stone substrates. HLQ-125 creates a protective barrier within the concrete substrate that reduces permeability, hardens, densifies, and repairs damaged surfaces. HLQ-125 cannot be removed chemically or physically, and there is no film or residue that can be worn or weathered away.

**Supporting Documentation:**  
[Technical Datasheet - HLQ-125](https://sinak.com/wp-content/uploads/2023/05/SINAK-HLQ-125-Technical-Data-Sheet-TDS.pdf)  
[MSDS - HLQ-125](https://sinak.com/wp-content/uploads/2022/02/SINAK-HLQ-125-SDS.pdf)  
[Environmental & Human Health - HLQ-125](https://sinak.ecomedes.com/products/sinak/SB125005)

[3-Part Spec - HLQ-125](https://sinak.com/wp-content/uploads/2022/02/3-Part-SINAK-HLQ-125-Guide-Specification.docx)