

Poultry Farm Application Overview



Fig 1: Treated food storage outside area left, and chicken farm to the right.

SA CAM 110 is a spray applied Colloidal Nano Silica that provides improvements to new as well as existing concrete surfaces, the application is a “One Time” process that last for the Life Cycle of the project. Additionally, the materials contain “Zero VOC’s” and can be used without any negative effects on employees or the environment.

CAM 110 is an admixture that is used during new concrete placement that improves the overall quality of the concrete along with reducing curing times, helping to reduce the overall construction times and cost as well.

Areas of Benefit in Poultry Farm Application

- SA CAM 110 applied to existing concrete surfaces will improve the compressive strengths and stabilize the pH levels stopping any decay or reduction of Life Cycle.
- SA CAM 110 will Waterproof the surfaces negating Chemical and Environmental attacks on the concrete surface and internal matrix.
- SA CAM 110 will provide improved repair applications and eliminate the need for repeated repairs due to “Battery Effect” (different pH levels in surfaces adjacent to repair)
- SA CAM 110 also improves the resistance to Sulfides and Sulfide Gas attacks on concrete surfaces.
- With the improved surface condition provided by SA CAM 110 general cleaning will be easier to accomplish along with a reduction harmful bacteria build up as the “Capillary Voids” formed during the curing process are filled with CSH.
- CAM 110 when included in New Construction or Repair materials will improve the overall design mix and help to extend the Life Cycle of the projects. And with the

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additional application of SA CAM 110 during time of placement further benefits can be realised.

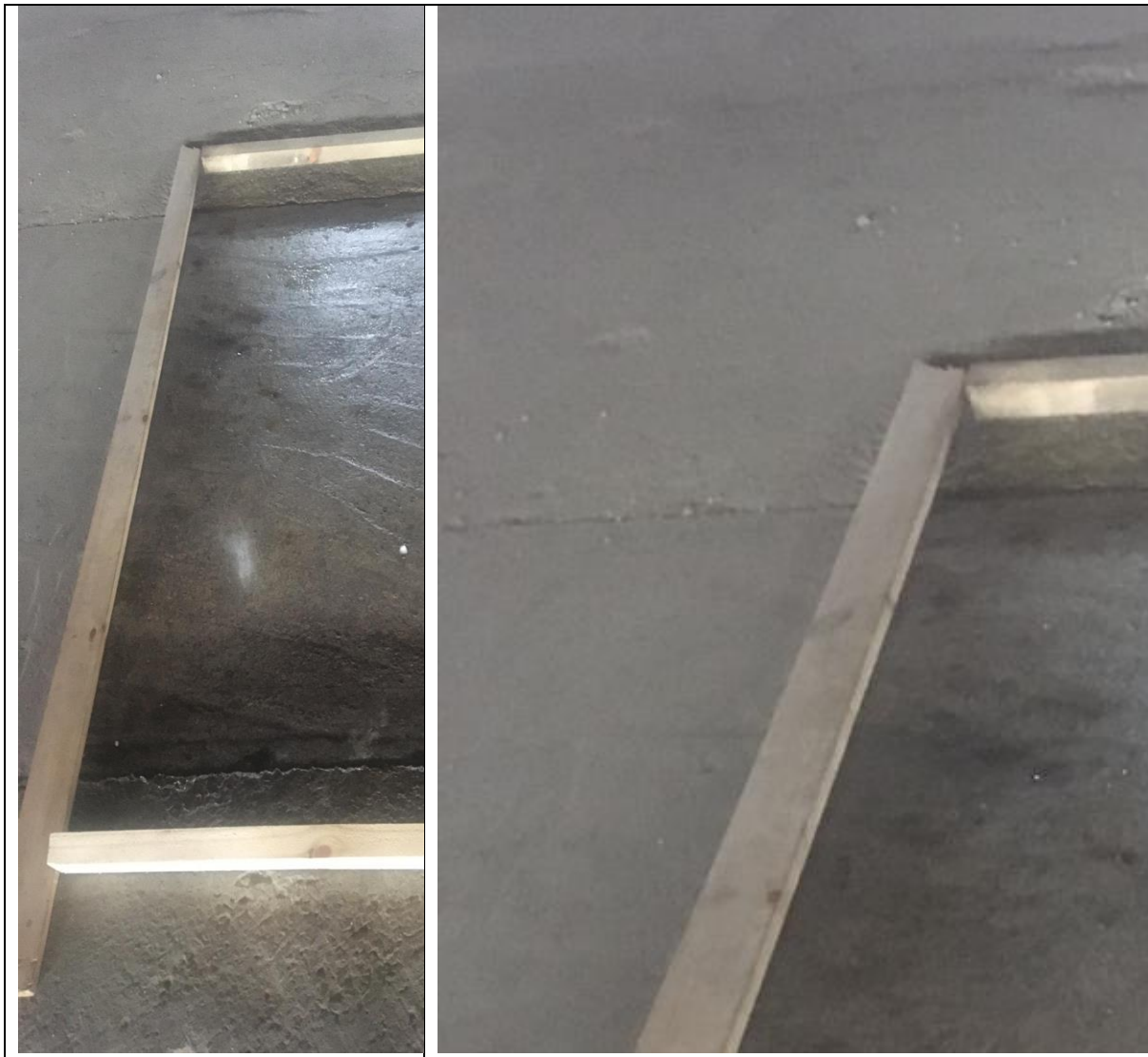


Fig 2. Treated area inside the wooden frame. 10.000 m2 treated.

Conclusion

SA CAM 110 & CAM 110 have many benefits and cost savings that can be provided to existing and new projects, our team stands ready to assist with recommendations and support. The technology is easy and straight forward to apply, please contact us with additional questions or input on how we might be able to assist in your operations or projects.

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