

ECS 2023 hall presentation. ELEMENTIS

Title: Sustainable solutions for construction

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Hectorite clays are highly efficient mineral rheological additives used to control flow properties in a variety of construction products such as sealants and dry mix systems. They can be perfectly combined with cellulose ethers to improve performance properties in cementitious and gypsum-based formulations. In construction products (sealants or mortars) that are based on polymer dispersions, the hectorite clays can partly replace cellulose ethers, improving workability and sag resistance. Hectorite clay is also a cost-efficient replacement for bentonites and other mineral-based thickeners due to its higher rheological efficiency.

This presentation will review 3 examples of the benefits of Hectorite clay-based products in construction products.