SPECIFICATION FOR

Concrete - Curing Additive / Admixture

CLEVA CRETE 842 WP

Requirement

Curing compound designed to deliver uniform concrete performance and early compressive strength without external covering or water application, while ensuring full compatibility and bond integrity for subsequent toppings, renders, resilient flooring, tiles, and finishes.

Where to recommend

Suitable for concrete applications where early compressive strength development is required, including but not limited to, vertical elements, precast concrete, and shotcrete applications. Recommended for use in below-ground and ground-level slabs, roofs, terraces, and balconies, as well as high-usage concrete areas subject to heavy service loading. Particularly applicable to environments exposed to chemical or gas exposure, and structures located in proximity to, or in direct contact with, saltwater or freshwater environments.

Product to use: CLEVA CRETE 842 WP

How To Specify:

Architects:
All nominated concrete elements are to incorporate CLEVA CRETE 842 WP liquid hydrogel admixture at the manufacturer's recommended dosage rate directly to concrete trucks just prior to concrete placement either onsite or at batch plant.

Provide concrete designed for enhanced durability, reduced permeability, improved internal curing, and minimised risk of shrinkage, slab curl, and efflorescence. Maintain standard curing, placement, and finishing practices in accordance with project documentation and relevant standards.

Engineers:

Concrete Notes:
** CLEVA CRETE 842WP

**All nominated in-situ concrete shall incorporate CLEVA CRETE 842 WP liquid hydrogel admixture at the manufacturer's recommended dosage ratedirect into the concrete truck drum onsite.

Concrete mix design shall be engineered to achieve improved durability performance through reduced permeability, enhanced internal curing, reduced moisture ingress, and mitigation of shrinkage-related effects including slab curl and efflorescence.

All placement, curing, jointing, and crack control shall comply with relevant Australian Standards and project specifications. The inclusion of the admixture shall not alter compliance obligations or standard construction practices.**

Technical Specifications

All in-situ concrete works shall incorporate CLEVA CRETE 842 WP liquid hydrogel admixture, dosed strictly in accordance with the manufacturer's recommended rates and incorporated during batching.

Concrete containing CLEVA CRETE 842 WP shall be designed to achieve the following performance outcomes:

- Reduced permeability and improved resistance to moisture ingress
- Enhanced internal curing and hydration efficiency
- Improved long-term durability performance
- Reduced risk of shrinkage, slab curl, and efflorescence

The incorporation of CLEVA CRETE 842 WP will not override or reduce compliance with Australian Standards.

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