

## **SPECIFICATION FOR CONCRETE INCORPORATING A MIGRATING CORROSION INHIBITOR**

A migrating corrosion inhibitor shall be added to the concrete mix for all piling substructure and superstructure concrete for the project at the rate of 0.60 litres per m<sup>3</sup> of concrete.

The migrating corrosion inhibitor shall be added under the supervision of the independent laboratory nominated for the project either with the water to the mixer during the mixing cycle at the batching plant or directly into the transmit mixer at site at the rate of 0.60 litre per m<sup>3</sup> of concrete. Please adjust the concrete mix design by reducing the addition of water by 90% of the volume of migrating corrosion inhibitor added to the concrete mix. The migrating corrosion inhibitor shall comply with ASTM G109 or approved equivalent.

The Migrating Corrosion Inhibitor product, when used in accordance with the manufacturer's recommendations, should impart changes to three important properties of concrete compared to similar concretes without the product. The changes are: increased corrosion resistance (Durability), no adverse effects on physical properties of concrete and effectiveness even when corrosion is active.

The Migrating Corrosion Inhibitor shall be Surtreat TPS-V as supplied in the Gulf Region by Gulf Concreting Products FZC (GCP) • P.O. Box 43010 Abu Dhabi, UAE • Tel. No. 02 6273998 • Fax No. 02 6273994.

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