

RIGAcrete Marine

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Applications

Marine Structures

Slipways and Ferry Terminals

Sea Defences and Coastal Protection

Concrete Bridges

Water Treatment Works



KM 35653
KM 575102
KM 88041
KM 68270



IMR 78163

BS EN ISO 9001
BS EN ISO 14001
BS OHSAS 18001

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Advantages of RIGAcrete Marine

Increased cohesive properties of the concrete that exhibits superior resistance to washout of cement and fines.

Enhances pumpability and placeability of the concrete.

Is a self levelling concrete that enables placing of concrete underwater.

No need for costly dewatering costs.

Environmental impact of cement washout in water minimised.



Specification

RIGAcrete Marine is an underwater concrete that contains specially developed admixtures that improves mix cohesion, significantly reduces washout and improves mix integrity when placed underwater. RIGAcrete Marine is designed as a high flow concrete which can be pumped at a reduced pumping pressure giving improved pumping distances to assist with placing. RIGAcrete Marine has a minimum cement content of 400kg/m³ and a maximum water cement ratio of 0.45.

The maximum aggregate size shall be agreed between the customer and Leiths Scotland Ltd. RIGAcrete Marine complies with the requirements of BS 8500-2.

Curing

To help prevent the formation of plastic shrinkage cracks it is essential that the curing of concrete starts as soon as possible after the fresh concrete has been placed. Good curing is necessary to ensure that the desired properties of the concrete fully develop.

Health & Safety

Skin contact with fresh concrete can cause serious burns or dermatitis and protective clothing and eye protection should be worn when placing concrete. If skin contact occurs, wash immediately with soap and water. For eye contact, wash eyes thoroughly with clean water.



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