

Materials List for:

Experimental Protocol to Determine the Chloride Threshold Value for Corrosion in Samples Taken from Reinforced Concrete Structures

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Materials

Name	Company	Catalog Number	Comments
Stranded wire			cross section at least 0.50 mm ² ; ideally copper wire, tin plated
Self-tapping metal screw			any suitable self-tapping screw, typically of length 4 - 5 mm and diameter around 2.5 mm
Ring cable lug			suitable to connect screw and cable
SikaTop Seal-107	Sika		two-part polymer modified cementitious waterproof mortar slurry
Epoflex 816 L	Adisa		epoxy coating
Exposure tank			any suitable tank (e.g. rako box) with a lid; sufficiently large for exposing the samples
Reference electrode			Any stable reference electrode suitable for continuous immersion in sodium chloride solution
Tap water			
Sodium chloride			
Data logger			any device able to monitor the potentials of all samples vs. the reference electrode at the specified interval (input impedance > 10E7 Ohm)