



Leak Sealing & Waterproofing • Concrete Repairs • Crack Injection • Pressure Pointing & Grouting • Structure Condition Surveys • Protective Coatings • Joint Sealing
Diamond Drilling & Sawing • Concrete Bursting & Crunching • Robotic Demolition

Scheme: **LIVERPOOL DOCK**
Problem: **STRENGTHENING QUAY WALL**
Solution: **DIAMOND FLOOR SAWING AND DIAMOND DRILLING**
Client: **I H BROWN**



I H Brown contacted Ram Services with a problem of how to separate the sea wall from the quayside to enable the section to be broken out without causing any vibration.

Ram Services suggested utilising a floor saw which is capable of cutting 700mm deep, which was the depth of the quayside slab.

The floor saw being used has a John Deere engine which produces 80hp at the blade shaft and can be fitted with a 1500mm blade.

Sections of the quayside were in excess of 800mm deep, in these areas Ram Services utilised a hydraulic track saw which could be fitted with a 2000mm blade.



The aggregate in concrete being saw cut was varied, there was limestone, quartz and riverbed gravel.

Ram Services also utilised two smaller floor saws to cut over 2000 linear metres varying from 150mm to 300mm deep, we also diamond drilled in excess of 500 number 45mm diameter cores 300mm deep.

Contract duration: **4 WEEKS**
Contract value: **£14,500.00**

More information at www.ddatram.co.uk



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