

LIFETIME WATERPROOFING AND PROTECTION FOR STRUCTURAL CONCRETE

RADCON[®]
FORMULA#7



OLDER MARINE
SITE REFERENCES

Site Reference:

Marine Structures

SANDRINGHAM YACHT CLUB, VICTORIA



SITE DETAILS

Specifier: GHD McKnight Consulting Engineers
Construction: KV Johnson Construction
Application: KV Johnson Construction
Treatment Date: October 1993
Area Treated: 3,000 sqm
Description: **Radcon Formula #7** to wave flair and submerged pre-cast panels. Key benefits:- Protection against Chloride Ion penetration. Ability to withstand hydrostatic pressure.

SUGAR WHARF, MARILYAN, QLD



SITE DETAILS

Specifier: Qld Dept Harbours And Marine
Applicator: Durus (Now Concrete Cutting & Sealing)
Treatment Date: March 1992
Area Treated: 3,450 sqm
Description: 5 year old sugar wharf deck subject to Chloride degradation and sugar degradation. **Radcon Formula #7** treatment to any further deterioration.

INNER HARBOUR - PORT KEMBLA GRAIN WHARF, WOLLONGONG



SITE DETAILS

Specifier: MSB Illawarra Port Authority
Treatment Date: June 1993
Description: **Radcon Formula #7** treatment to reduce Chloride Ion penetration focusing on areas that were severely cracking (in the range of 2-3mm). The cracks have been pond tested each 6 months by MSB Illawarra Port Authority to confirm that the seal has been maintained.
Contacts: Mr Phillip McGavin-Port Engineer-MSB Illawarra Port Authority. Ph: 02 4275 0133

EVANS LANDING WHARF, WEIPA, QLD



SITE DETAILS

Specifier: McKnight Consulting Engineers
Client: QLD Department of harbours & Marines
Client: Comalco
Treatment Date: February 1992
Area Treated: 398 Sqm
Description: Wharf dolphin's showed shrinkage cracking. **Radcon Formula #7** treatment to prevent Chloride Ion degradation.

QUEENS WHARF, HARBOUR FORESHORE, NEWCASTLE



SITE DETAILS

Specifier: Newcastle City Council
Applicator: Bob Sanders
Treatment Date: May 1989
Area Treated: 2,500 sqm
Description: **Radcon Formula #7** treatment to prevent spalling and seal surface from oil ingress from spillage around take away food outlets. Site won an award for design excellence in 1989.

MARINE TERMINAL PLANT 66 - PRODUCTS PIER, THAILAND



SITE DETAILS

Specifier: TAMS Consultants Inc. (USA)
Client: Star Petroleum Refining Co. Ltd.
Main Contractor: Daelimind Co. Ltd.
Applicator: Benja
Area Treated: 5000 sqm wharf Deck 1000m - Crack repair
Application Date: 1995
Description: Located 3 hours South of Bangkok - Cracked deck and the contractor needed to fix before handing over. Difficult application however successfully fixed

BARNEY POINT WHARF GLADSTONE, QLD

SITE DETAILS

Specifier: BHP Engineering
Client: BHP
Builder: McMahon Constructions Pty Ltd
Applicator: McMahon Constructions Pty Ltd
Application Date: 1989
Description: **Radcon Formula #7** treatment to 24 headstocks which exhibited spalling and rust staining from Chloride Ion ingress. BHP Engineers did laboratory testing prior to specification. Cracks that were sealed with Radcon Formula #7 were later pressure tested by Queensland University of Technology with positive results.

MOOLOOLABA WHARF, QLD

SITE DETAILS

Specifier: Dept Harbours And Marines
Applicator: T.A. Taylor
Treatment Date: March 1989
Area Treated: 1,100 sqm
Description: **Radcon Formula #7** treatment to cracked and leaking wharf deck. Prevention of Chloride ingress and water penetration.
Contacts: Martin McAdam-Engineer, QLD Ports Authority
Ph: 07 224 7088

MARLIN JETTY, CAIRNS, QLD

SITE DETAILS

Specifier: Department of harbours And Marines
Builder: Schrader Constructions
Applicator: Feff Perin
Treatment Date: September 1989
Area Treated: 2,000 sqm
Description; **Radcon Formula #7** treatment as a part of the maintenance program. Providing protection from water permeation and Chloride Ion deterioration.
Contact: Martin McAdam-Engineer
QLD Ports Authority Ph: 07 224 7088

MOOLOOLABA UNDERWATER WORLD, QLD

SITE DETAILS

Specifier: Sanders & Ellick (Architects)
Builder: Rodd Tate & Partners (Engineers)
Applicator: Evans Harch Pty Ltd
Treatment Date: Laceworth Pty Ltd
Area Treated: December 1990
Description: 760 sqm
Radcon #7 for Chloride Ion protection for seal ponds and enclosures.
Contact: Mr Scott Pinkstone-Engineer
Rodd Tate & Partners-Ph:074 732 300

KOLEHAVEN (COAL HARBOUR) - BERINGEN



SITE DETAILS

Location: Beringen, Belgium
Client: Minument & Landschappen Vlaamse
Application: Gemeenschap Stad Berigen-Prov.Limburg
Area Treated: All Quay areas, old and new.
Description: This 60 year old coal harbour in Belgium has not stopped working since 1930 required

QUEEN SALOTE WHARF, TONGA.



SITE DETAILS

Location: Tonga
Construction: Downer Constructions (NZ)
Application: Downer Constructions (NZ)
Area Treated: New concrete wharf deck
Size: 3,000 sqm