

LIFETIME WATERPROOFING AND PROTECTION FOR STRUCTURAL CONCRETE

RADCON[®]
FORMULA#7



RADMYX
SITE REFERENCES

SITES OF INTEREST 2010

Radcrete Pacific presents: **Water Holding Vessels**

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SITE DETAILS:

COUNTRY	- Australia
SITE	- Red Cross Building
CONSTRUCTION	- Buildcorp
APPLICATOR	- Uniseal
TREATED AREA	- Tank Bases & Sewerage
VOLUME	- 400 cubic metres

FIGURE 1

Visualization of the Red Cross Blood Service, Sydney.

RADMYX waterproofs the new Australian Red Cross facility.

The Australian Red Cross Blood Service was designed to become the primary blood manufacturing facility in Sydney.

Uniseal used RADMYX admixture for the tank bases and sewerage of this \$115 million dollar project being developed by Buildcorp.

RADMYX is a reliable waterproofing solution for structures subjected to hydrostatic pressure as well as *preventing contamination* and *increasing durability*.

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SITE DETAILS:

COUNTRY	- Australia
SITE	- Prouds Warehouse
CONSTRUCTION	- Kell & Rigby
APPLICATOR	- Uniseal
TREATED AREA	- Suspended slabs, balconies
VOLUME	- 1,500 cubic metres

FIGURE 1

RADMYX application at Prouds Warehouse, Sydney.

"Belt and braces" approach for the new Prouds Warehouse.

Prouds is the largest jewellery chain in Australia operating some 160 stores throughout the country. A new warehouse is currently under construction at their head office location in Summer Hill, Sydney.

Uniseal were commissioned to treat the suspended slabs and balconies of the structure and due to some areas being partially exposed decided to combine RADCON #7 and RADMYX technologies for achieving a life-time waterproofing result.

RADMYX admixture used on this project is suitable for below grade areas providing a cost effective and reliable waterproofing solution.

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SITE DETAILS:

COUNTRY	- Australia
SITE	- Pacific Square
CONSTRUCTION	- Abigroup
APPLICATOR	- Uniseal
TREATED AREA	- Lift pits
VOLUME	- 400 cubic metres

FIGURE 1

RADMYX site – Pacific Square at Maroubra Junction, Sydney.

Waterproofing below water table level solved by RADMYX.

Pacific Square is a new vibrant centre in Maroubra Junction, one of Sydney's Eastern coastal suburbs. The complex comprises a variety of retail outlets, leisure and fitness facilities, modern residential area, conveniently linked to major transport routes.

Groundwater pressure created a waterproofing challenge for the construction company Abigroup, who turned to Radcrete's Sydney based representative Uniseal, who applied RADMYX to all lift pits.

RADMYX is an environmentally friendly capillary waterproofing product, suitable also for potable water use and has zero VOC reading.



FIGURE 2

RADMYX application as an admixture in concrete.

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SITE DETAILS:

COUNTRY	- Australia
SITE	- Belmont Plaza
ARCHITECT	- Leffler Simes
BUILDER	- ADCO Construction
APPLICATOR	- Uniseal
TREATED AREA	- Bowling Greens, Car park, Plant rooms
VOLUME	- 5,000 cubic metres

FIGURE 1-2.

RADMYX concrete pour at the Belmont Plaza, Lake Macquarie.

RADMYX protection for ADCO's Belmont Plaza Centre.

Belmont Plaza is a new shopping centre development at Lake Macquarie, NSW, housing more than 30 speciality shops and a new sporting facility for the Belmont Bowling Club.

ADCO, Australia-wide building company, chose *RADMYX capillary waterproofing system* for the bowling greens, underground car park and plant room areas with a combined volume of 5,000 cubic metres.

RADMYX can be added to the concrete mix prior to the pour, providing a reliable waterproofing solution that remains dormant inside the slab and reactivates upon contact with water.



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SITE DETAILS:

COUNTRY	- Romania
SITE	- 17 C.A. Rosetti Business Centre
CONTRACTOR	- MEO Construct International
CONSULTANT	- Urban Office
APPLICATOR	- UNICO PROFIT SRL
TREATED AREA	- Basement

FIGURE 1-2.

View of the Rosetti Centre and the drainage system used during the basement pour.

RADMYX admixture for basement pour flooded by underground water.

Rosetti Business Centre is a modern serviced office space situated in the sought after 2nd District in Bucharest.

RADMYX Capillary Waterproofing System is a popular crystal growth solution in Romania and was utilised for the two underground levels of the structure.

RADMYX was added to the concrete mix design prior to the pour, during which 10 pumps had to be deployed to maintain underground water levels below the construction.



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