

SITES OF INTEREST 2009

Radcrete Pacific presents: **Commercial Buildings**

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SITE DETAILS:

COUNTRY	- UAE
SITE	- Yas Hotel
CLIENT	- Aldar
TREATED AREA	- Rooftop
APPLICATOR	- Wadi Rum Decor
AREA	- 5,000 sq mtrs

FIGURE 1.

The Yas Hotel looming over the F1 Circuit.



The Abu Dhabi Formula One track hotel in need of RADCON Formula#7.

The Yas Marina Circuit, described as one of the most exciting Formula One tracks in the world, will reveal its array of unusual features to over 55 million spectators in November 2009.

The track runs through the 5-star Yas Hotel, an iconic grid shell structure projecting programmed lighting and image sequences visible for miles around.

This spectacular flag ship project of Aldar Hotel & Hospitality, set half on land and half on water, embodies every exciting and innovative aspect of modern design inside out.

RADCON Formula#7 was chosen to waterproof the rooftop of this "new formula for excitement" building spanning across the F1 race track.

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SITE DETAILS:

COUNTRY	- Spain
SITE	- La Caja Magica
CLIENT	- Madrid City Council
CONTRACTOR	- FCC
ARCHITECT	- Dominique Perrault
ENGINEER	- TYPESA
APPLICATOR	- Ariadna
SIZE	- 3,500 sq mtrs

FIGURE 1-4.

RADCON #7 application at the Magic Box tennis stadium in Madrid.

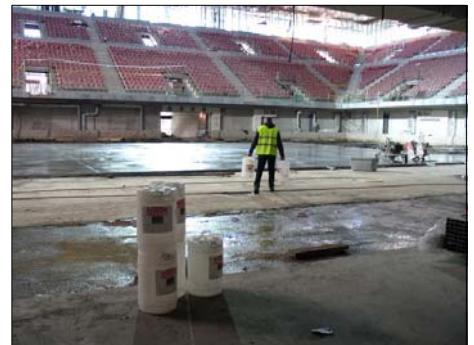
The ever changing La Caja Magica in Madrid lights up for the ATP Tour.

La Caja Magica (the Magic Box), a brand new tennis stadium recently opened for the ATP tour in Madrid, is built from sustainable materials, promoting sustainable development in conjunction with one of Spain's most popular sporting events.

This constantly transforming structure, designed by the French architect Dominique Perrault, features a unique retractable roof that can be lifted like a lid, providing protection from the wind while still maintaining an outdoor event ambiance.

The walls are constructed from metal casing, which protects the structure from the sun but allows the air to pass through. When lit at night it completely disappears revealing the interior of the building.

RADCON #7 was applied to the €180 million project funded for the Olympic bids for 2012 and now 2016.



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SITE DETAILS:

COUNTRY	- Philippines
SITE	- University of Philippines
CLIENT	- AYALA LAND Inc.
ARCHITECT	- AIDEA PHILIPPINES
APPLICATOR	- MB Tech Philippines
TREATED AREA	- Deck Areas
SIZE	- 32,000 sq mtrs

FIGURE 1.

The newly erected U.P. Ayalaland Techno Hub Complex.

RADCON #7 protection for the biggest developer in Philippines.

The UP North Science and Technology Park, a 20,000 sq meter facility, is a joint project between University of the Philippines and the Ayala Land Corporation, located in the historical district of Diliman, Quezon City.

RADCON Formula #7 was chosen for *protection of the 32,000 sq meters* of deck areas and it is the third specification for the *Ayala Land developers* in Philippines.

The complex is now in operation with the exception of two buildings due for completion in early 2010.



FIGURE 2.
Ayala Land Executives with Radcrete's Mr Rorke (second from right)



FIGURE 3.
The retail buildings and restaurants.

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Radcrete Pacific presents: **Trafficable Areas**

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SITE DETAILS:

COUNTRY	- Trinidad & Tobago
SITE	- CRH/UBH Interchange
CLIENT	- Ministry of Works and Infrastructure
CONTRACTOR	- VINCI Construction
CONSULTANT	- Cansult Ltd
EXECUTING CO.	- National Infrastructure Development Company
TREATED AREA	- Bridge deck
APPLICATOR	- Dover Waterproofing Technologies Ltd
SIZE	- 9,014 sq mtrs

FIGURE 1.

RADCON #7 treated highway interchange in Trinidad and Tobago.

RADCON #7 lifetime protection for the new highway hub in Trinidad and Tobago.

The Churchill Roosevelt/Uriah Butler Highway Interchange is one of the NIDCO's (National Infrastructure Development Company Limited) mass transit solutions to the ever increasing traffic congestion problem in Trinidad and Tobago.

The contractor, VINCI Construction France, used innovative construction technology to assemble the individual steel frames without disturbing the normal traffic flow below.

Each frame of 2500 tons and 600 meters long, were "pushed" into place by hydraulic jacks anchored to concrete beams.

The interchange is currently the country's highest bridge structure towering some 18 meters high.

In the final stages of the development, the project was rushed to completion for the "Summit of the Americas" conference and President Barack Obama's visit in April 2009.

RADCON #7's ease of application alone proved to be quite beneficial for this particular project, not to mention the cost savings with no protective slab or asphalt topping requirement.

Furthermore, no future maintenance costs are guaranteed by RADCON #7's unique ability to reseal future hairline cracks up to 0.30 mm.

RADCON Formula #7 technology, has proven over the years, to be a superior structural concrete waterproofing solution for its versatile and reliable characteristics.

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SITE DETAILS:

COUNTRY	- Brazil
SITE	- FAAP University Carpark
CLIENT	- Construtora Ribeiro Caram
OWNER	- FAAP University
CONSULTANT	- Statura Projetos
APPLICATOR	- Netherland Engenharia
SIZE	- 3,000 sq mtrs

FIGURE 1-2.

View of the car park and RADCON #7 application on site.

RADCON protects new university car park in Sao Paulo.

FAAP University, established in 1947, is one of the best higher education institutions in Sao Paulo, Brazil.

RADCON Formula #7 waterproofed the recent addition to its campus, a multi-storey car park building, in conjunction with Flexible Cement 2 used for volatile cracks and structural joints.

Due to RADCON #7's ease of application (pictured right) and trafficable surface within 6 hours, it is a preferred waterproofing solution for fast tracking projects whilst providing superior protection.



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SITE DETAILS:

COUNTRY	- Cambodia
SITE	- Cau Monivong
CLIENT	- Orbit Engineering Vietnam
TREATED AREA	- bridge deck
APPLICATOR	- Indochina Centrepro
AREA	- 3,100 sq mtrs

FIGURE 1-2.

Construction of the Cau Monivong bridge in Phnom Penh.

RADCON #7 protection for a structure built to last in the Cambodian capital.

The Cau Monivong bridge, named after the King of Cambodia, was designed to improve the traffic flow from an international highway connecting Ho Chi Minh City with Phnom Penh.

It is 270 meters long in total and spans across the Bassac river, a tributary of the Mekong River and Tonle Sap.

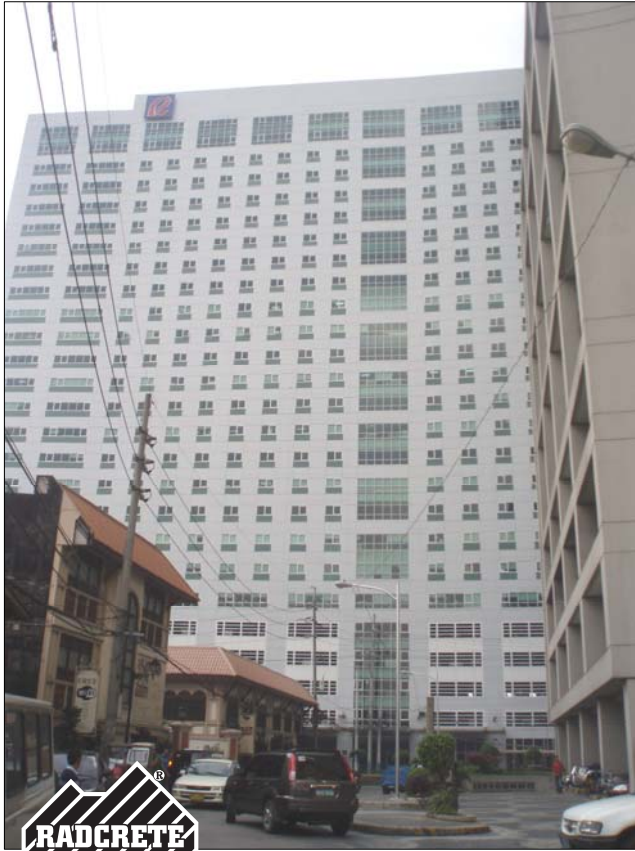
The head of the design team and the Chairman of Orbit Engineering Vietnam, Eng. Tran Dai Minh, insists the standard of construction and materials used is only of the highest standard.



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SITE DETAILS:

COUNTRY	- Philippines
SITE	- Robinsons Cybergate
CLIENT	- Centre – Tower 3
	- ROBINSONS LAND
ARCHITECT	- Pimentel, Rodriguez, Simbulan & Partners
ENGINEER	- DM Consunji Inc.
APPLICATOR	- MB Tech Philippines
TREATED AREA	- Car park
SIZE	- 3,000 sq mtrs

FIGURE 1.

Recently finished Robinsons Cybergate Centre Tower 3.

RADCON #7 treatment for Robinsons Cybergate Center.

Robinsons Cybergate Centre Tower 3 is a newly developed 28-storey office condominium located in the heart of Manila – Mandauyong City.

It is the latest addition to the ROBINSONS LAND Office Building Division certified by PEZA (Philippine Economic Zone Authority).

This government agency encourages development of world-class, environmentally friendly, secure and competitively priced Special Economic Zones.

RADCON Formula #7 was applied to the multi-storey car park providing lifetime waterproofing and durability benefits to the treated surfaces.

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SITE DETAILS:

COUNTRY - Japan
SITE - Tomei Highway
CLIENT - Shimizu Corporation
TREATED AREA - bridge deck
APPLICATOR - Kankyo Biken

FIGURE 1.

RADCON #7 application on a bridge deck of the new beam of Tomei Highway in Shimizu City.

RADCON #7 called to the rescue of a new raised highway segment in Japan.

The Number 2 Tomei Highway is a part of the busiest expressway in Japan, located west of Tokyo.

The first sections were opened as early as 1968 and today it covers more than 320 kilometers connecting Tokyo and Nagoya.

The newly erected raised segment, constructed by Shimizu Corporation, exhibited water leakage issues.

The contractor, Japan Highway Public Corporation, have used RADCON #7's before and were aware of its faultless performance on structures subjected to thermal stress, carbonation and weight loading.

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SITE DETAILS:	
COUNTRY	- UAE
SITE	- Madinat Zayed
ENGINEERS	- Ove Arup
CLIENT	- Public Works Department Abu Dhabi
CONTRACTOR	- RAPCO
APPLICATOR	- Isam Kabbani
TREATED AREA	- Bridge Deck
YEAR COMPLETED	- 2002

FIGURE 1 & 2.
RADCON #7 protected bridge deck near Abu Dhabi

RADCON #7 lifetime waterproofing proven performance in the UAE.

Madinat Zayed overpass is another 'living proof' of RADCON Formula #7's faultless track record in the Middle Eastern region.

Ove Arup & Partners have used the product on projects in Asia and Australia and were aware of its *ability to reseal future hairline cracks.*

This makes RADCON #7 ideal for protection of structures exposed to thermal stress and weight loading, which may cause flexural deflection.

RADCON #7 also maintains watertight seal and protection without any future need for repair.



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SITE DETAILS:

COUNTRY	- UAE
SITE	- Tarif Interchange
CONSULTANT	- Ove Arup & Partners
CLIENT	- Emirates of Abu Dhabi Works Department
CONTRACTOR	- Saif Bin Darwish
APPLICATOR	- Isam Kabbani
TREATED AREA	- Bridge Deck
YEAR COMPLETED	- 2001

FIGURE 1-3.

RADCON Formula #7 faultless performance on the Tarif Interchange.

Tarif Interchange proves RADCON #7's proven performance on a raised interchange near Abu Dhabi.

The pictured raised section of the Tarif Interchange located near Abu Dhabi was waterproofed with RADCON Formula #7's unique technology in 2001.

The project was one of the first to utilise this sub-surface membrane which remains active inside the concrete in the UAE, although the technology has been available on the market for over 20 years.

After 8 years of operation, the RADCON #7 sealed *deck remains completely watertight and continues to protect concrete* from carbonation and steel reinforcement corrosion.



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Radcrete Pacific presents: Water Holding Vessels

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SITE DETAILS:

COUNTRY	- Mauritius
SITE	- InterContinental Mauritius Resort Balaclava Fort
DEVELOPER	- Lateral Holdings
CONTRACTOR	- China Jiangsu International
ARCHITECT	- DNA Architects India
ENGINEER	- Limbada Consulting
TREATED AREA	- Pools & Water Features

FIGURE 1-2.

RADCON #7 application on pool areas of the Balaclava resort.

RADCON #7 for the InterContinental Hotel, Mauritius.

The US \$50 million resort in Balaclava Fort, Mauritius will soon open its doors to travelers seeking an authentic destination experience.

RADCON Formula #7 waterproofed the two-tier infinity pool next to the beach and natural salt-water dip pool in the only natural lagoon on the island.

RADCON #7 technology is *suitable for use in marine environments* because it not only waterproofs but totally eradicates any salts reaching the first line of steel re-inforcing.

The resort is the first project in the hospitality category for the Indian developer, Lateral Holdings.

It offers large variety of relaxation activities, including a pool bar with live entertainment and Health Club.



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Radcrete Pacific presents: **Water Holding Vessels**

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SITE DETAILS:	
COUNTRY	- Oman
SITE	- Desalination Water Plant
CLIENT	- Veolia
CONSULTANT	- Mott MacDonald, Oman
APPLICATOR	- Bahwan Building Materials
SIZE	- 60,000 sq mtrs

FIGURE 1-3.

RADCON #7 treatment for desalination water plant in Oman.

RADCON #7 for Veolia desalination plant in Oman.

The OPW3 Sharqiyah Independent Water Project is a \$ 173 million desalination facility, the first of this kind in the country.

RADCON Formula #7 has been selected for treatment of its water holding areas spanning some 60,000 sq meters.

The consultants from Mott MacDonald in Oman were understandably concerned with *potability characteristics* of the bidding waterproofing products and *RADCON #7's approvals from Singapore, Australia, Brazil, Spain and Portugal spoke for themselves.*

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SITE DETAILS:	
COUNTRY	- Spain
SITE	- Potable Water Plant
CLIENT	- Canal de Isabel
DEVELOPER	- Sando Constuctions
APPLICATOR	- Ariadna
SIZE	- 9,000 sq mtrs

FIGURE 1-3.
RADCON #7 treatment for potable water plant in Madrid.

Spanish water utility chooses RADCON #7 for its potable water plant.

The potable water treatment plant in Majadahonda has been extended several times over some 30 years of its operation.

It facilitates water supply to Madrid from the Picadas Reservoir and recently underwent modernisation of its processes and capacity enlargement in compliance with the local quality standards.

RADCON Formula #7 has been widely used on potable water projects around the world due to its non toxic and environmentally friendly characteristics.



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SITE DETAILS:

COUNTRY	- Kuwait
SITE	- Al Faris Resort
APPLICATOR	- Al Rashed Company
TREATED AREA	- Pools & Water Feature

FIGURE 1-2.

RADCON #7 waterproofing being applied on the pool and water feature at Al Faris resort.

RADCON #7 enters market with pool protection project in Kuwait.

Al Faris resort is a sought after holiday spot on the Persian Gulf shore situated approximately 45 minute drive from the capital Kuwait City.

The resorts pools and water feature have been treated with RADCON Formula #7 (pictured) last year which makes it Al Rashed's first site in Kuwait.

Al Rashed Company, the local distributor and certified applicator of the technology, knew RADCON #7 was the ideal product for the job considering its superior performance under hydrostatic pressure and whilst being totally non-toxic in nature.



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SITE DETAILS:	
COUNTRY	- Bahrain
SITE	- City Centre
CLIENT	- Majid Al Futtaim (MAF)
ENGINEER	- Mott Macdonald
CONSULTANT	- Shankland Cox
ARCHITECT	- Woods Bagot
APPLICATOR	- Wadi Rum Decor
PROJECT MANAGER	- Mace International
TREATED AREA	- Water Park

FIGURE 1-3.
The Wahoo! Water Park located on top of the Bahrain City Centre .

RADCON #7 lifetime waterproofing holding 2 million litres of water above a shopping centre.

Developed by Majid Al Futtaim, creators of the Dubai ski fields, the Wahoo Water Park is without a doubt the most anticipated entertainment venue in Bahrain.

RADCON Formula #7 has successfully sealed all water holding areas of this biggest indoor/outdoor 'aqua-park', with wave pools, flow rides, and a host of other aquatic facilities.



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