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## BANEASA UNDERPASS, ROMANIA



Figure 1: Baneasa Underpass

As part of the government's effort to streamline traffic on the main airport route in Bucharest, a new six lane Baneasa underpass was introduced.

Given the location near the centre of the city, the client was looking for a reliable waterproofing solution with short application time.

Radcon Formula # 7 performs exceptionally well on structures exposed to severe weather conditions reducing freeze/thaw degradation by 89%. The product's re-sealing characteristic ensures no future maintenance is required after application despite being subjected to continuous weight load.

Also Radcon Formula # 7 is quick and easy to apply, being sprayed directly onto the contact surface, which allows for project fast tracking.

### SITE DETAILS

COUNTRY: Romania  
SITE: Baneasa Underpass  
DESIGNER: SEACHR Corp, Bucuresti  
CONSULTANT: Septembrie Consulting SRL  
CLIENT: National Highway and Roads Company  
YEAR: 2010  
SIZE: 2,500 sq metres



Figure 2: Construction of Baneasa Underpass





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## Casa no Gere, Portugal



Figure 1: Gere house in situ

### SITE DETAILS

COUNTRY:	Portugal
SITE:	Casa no Gere
ARCHITECT:	Gracia Correia and Roberto Ragazzia
APPLICATOR:	Coala
YEAR:	2006

For people who take eco-tourism seriously, this house is an inspiring example. At the request of the house-owners of not cutting down a single tree and constructing it entirely in concrete, Casa no Gere is a courageous feat.

The 'Casa no Gere' is a stunning 60 sq mtr home designed by Porto based architect, Gracia Correia and her Italian partner, Roberto Ragazzia. It is located in the heart of Portugal's Gere National Park by the Cevado River.

The architects did not want to use products that emit VOC's or membranes that would have to be removed in a few years and create problems with landfill.

Radcon Formula #7 has been applied to all the concrete to ensure that it remains waterproof for life; there were no other products that could offer this level of protection whilst being as environmentally friendly as this home. This is the perfect opportunity for Radcon Formula # 7 to show off its capabilities.

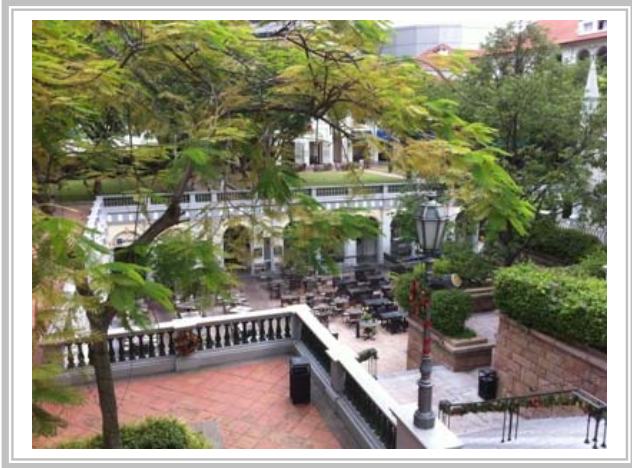




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## CHIJMES, SINGAPORE



### SITE DETAILS

COUNTRY:	Singapore
SITE:	Chijmes
ENGINEER:	Ove Arup
ARCHITECT:	Ong and Ong Pte Ltd
YEAR:	1996
SIZE:	3,000 sq mtrs

Figure 1: Upper and lower courtyards

### Radcon waterproofs planters, fountains and landscaped areas at a trendy entertainment area in the green city of Singapore.

The original building was constructed in 1854 as Singapore's beautiful old mission school, formerly known as CHIJMES, which has now been transformed into a haven for fine dining and shopping in the heart of Singapore's heritage trail. Radcon Formula #7 was applied to some 3,000 sq metres of waterproofing of the suspended concrete decks, the areas include the two levels of internal courtyard.

The first level is the sunken courtyard section which is suspended over the basement carpark. This section has been completely filled and features a water fountain.

The other area is the upper level of the internal courtyard which has been both landscaped and tiled. This podium level forms the rooftop to the restaurants and commercial offices located underneath.

All landscaped areas and fountains were waterproofed with Radcon, confirming its undoubted green credentials as it is non toxic and not harmful to plant or marine life.

The completed site is one of the top tourist visits in Singapore, hosting a gallery of international boutiques, fine dining restaurants and wine bars.



Figure 2: Water features





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## COLUMBIA BEACH RESORT, CYPRUS



### SITE DETAILS

COUNTRY:	Cyprus
SITE:	Columbia Beach Resort
CONTRACTOR:	Atlas Pantou
SITE ENGINEER:	Vasilis Vasiliou
YEAR:	2010
SIZE:	6,546 sq mtrs

Figure 1: Columbia Beach Resort

Radmyx is possibly the best crystalline product in the world. It is used as an admixture - it is added to the concrete at either the batching plant or put into the concrete truck prior to pouring of the concrete. Once this is done the concrete poured at site is automatically waterproofed - providing ease of construction and savings in time.

If using an old fashioned membrane, the Contractor would have to wait for the very slow process whilst each man applying the membrane can only get through about 100 m<sup>2</sup> per day. Not so with Radmyx, where it forms part of the concrete itself. As the concrete cures, the Radmyx is going to work.

This was the case at the five star Columbia Beach Resort in Cyprus, where the Contractor already knew the benefits of Radmyx and was happy to utilise it on this site.

Radmyx was applied to the suspended slabs, swimming pools, potable water tanks and planters on this site.





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## Planter Boxes on NUS Bridge (National University of Singapore)



Figure 1: Planter boxes on the bridge

### SITE DETAILS

COUNTRY:	Singapore
SITE:	NUS bridge
AREA:	Planter boxes
CONTRACTOR:	Sato Kogyo Singapore Pte Ltd
APPLICATOR:	PQ Farben Pte Ltd
YEAR:	2010
SIZE:	3,000 sq mtrs

Our clients love that Radcon is non-toxic and contain no harmful VOC's.

Radcon Formula # 7 has a long history of being applied to bridge decks around the world.

In Singapore, all the bridges have planter boxes to enhance the green image of the city. As Radcon contains no harmful VOC's and is non-toxic it was the product chosen to be applied to the planter boxes of the NUS (National University of Singapore) bridge, which links two campuses of the University on opposite sides of a freeway.

Radcon has been used on many green applications and numerous bridges; this project was a perfect fit.

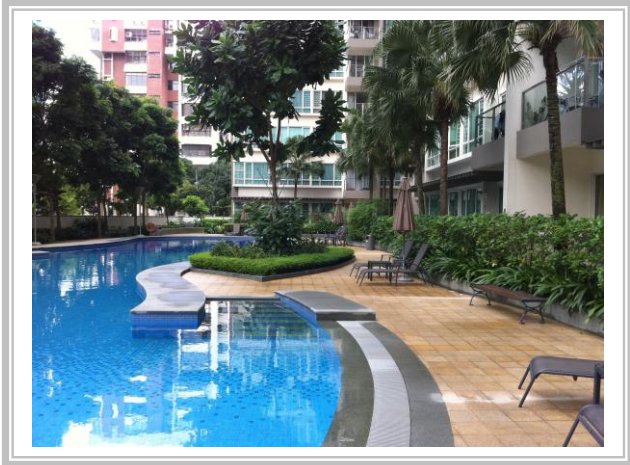




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## ONE LEICESTER, SINGAPORE



### SITE DETAILS

COUNTRY:	Singapore
SITE:	One Leicester Apartments
AREA:	Podium deck, landscaped Areas and swimming pool.
YEAR:	2008

Figure 1: Swimming Pool at One Leicester

One Leicester is an 18 storey, ultra modern complex of exclusive apartments recently opened in Singapore.

It offers its residents 194 stylish urban design units surrounded by an elegant glass facade and stunning views of the surrounding area.

Radcon Formula # 7 has been applied to the podium deck, protecting the entrance drop off section and the adjoining water feature.

Radcrete's Singaporean applicators had all the 'aces' in their hands when meeting with the One Leicester specifiers.

Radcon Formula # 7 had been widely used on condominium complexes through Asia including Singapore.

It is also specifically designed for long term protection of exposed trafficable areas by re-sealing any future hairline cracks. Potability and unlimited hydrostatic pressure characteristics proved to be beneficial for protection of the water feature.

Some other features at One Leicester include tennis courts, landscaped rooftop garden, outdoor pool, tai chi corner, multiple gardens and fitness centres.



Figure 2: One Leicester Apartments





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## TROU AUX BICHES HOTEL, MAURITIUS



Figure 1: Trou Aux Biches Hotel

### SITE DETAILS

COUNTRY: Mauritius  
SITE: Trou Aux Biches Hotel  
DEVELOPER: Beachcomber Group  
ARCHITECT: Maurice Giraud Architect  
CONTRACTOR: General Construction Co. Ltd  
YEAR: 2010  
SIZE: 5,000 sq mtrs

Radcon Formula # 7 has been used to protect another resort in Mauritius, part of the Beachcomber Group, the 'Trou Aux Biches Hotel'. Completed in 2010 it now provides an idyllic holiday location on this beautiful island.

Radcon Formula # 7 was used on the roofs of several of the technical buildings. Whilst the concrete roofs may not look as idyllic as the thatch, now that they are Radcon Formula # 7 protected they will have a much longer life span than the original concrete.

All the roofs are subject to salt spray and constant attack from chlorides. Therefore the specifiers saw Radcon Formula # 7 as the perfect way to provide protection in the long term.

Mauritius's frequent tropical storms are not a concern either, as Radcon Formula # 7 has a proven track record in tropical climates.



Figure 2: Roof of Technical Building





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## Ritz Towers, Philippines



Figure 1: Entrance to Ritz Towers

### SITE DETAILS

COUNTRY: Philippines  
SITE: Ritz Towers  
ARCHITECT: Arch Jerome Abad of PGAA  
Creative Design  
APPLICATOR: MB Technosolutions  
LANDSCAPING: Bulacan Gardens  
YEAR: 2008

With 27 levels of residential apartments, this condominium is known to provide residence to some of Manila's top businessmen, diplomats, and celebrities including the former first lady of the Philippines Imelda Marcos.

The complex includes two levels of underground parking, heated swimming pool with water features, gymnasium, conference facilities and numerous other 5 star facilities.

Radcon Formula # 7 was used to waterproof all the "green" areas such as planter boxes as well as some other parts of the building such as the helipad. The soil and plants can be put directly onto the Radcon Formula # 7 treated concrete without any need for a protective screed as Radcon Formula # 7 increases the concrete hardness to the same level as granite.



Figure 2: Radcon Formula # 7 is now waterproofing and protecting these planter boxes







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## THE LINK CARPARK, PHILIPPINES



### SITE DETAILS

COUNTRY:	Philippines
SITE:	The Link Carpark
ARCHITECT:	GF & Partners
APPLICATOR:	MB Technosolutions Corporation
YEAR:	2010
SIZE:	3,100 sq mtrs

Figure 1: The Link Carpark

The Link carpark was built alongside Greenbelt, one of the most famous shopping centres in Manila. It is located at Ayala Centre in Makati, the business heart of the city and is surrounded by shopping centres, five star hotels and luxury apartment buildings.

Greenbelt opened in the 1980s and it is one of Ayala Corporation's flagship projects. The mall offers a mix of high-end retail shops, restaurants, amenities, leisure and entertainment. Currently, the mall has five sections, three indoor buildings and two are open-air shopping areas. The most recent addition, Greenbelt 5, opened in 2007.

Makati Development Corporation chose Radcon Formula # 7 because of its excellent track record on projects such as the rooftops of the University of the Philippines and Cebu Metro Water.



Figure 2: Roof carpark



# SITES OF INTEREST 2010

## Radcrete Pacific presents: Commercial Buildings

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### SITE DETAILS:

COUNTRY	- Italy
SITE	- Stadio Alberto Braglia
APPLICATOR	- Radcon Italia Srl
TREATED AREA	- Stands
SIZE	- 15,000 sq meters

**FIGURE 1.**  
RADCON #7 treated stands.

## The Alberto Braglia Stadium receives RADCON #7 lifetime protection.

The recently refurbished stadium located in Modena, Italy was originally built in 1936 and is currently home to Modena F.C.

RADCON #7 was spray-applied on the pre-cast stands after an acetic acid wash removing any residual release agents and opening up concrete pores to ensure required penetration.

Stands were further fitted with seating and coloured slip resistant resin surfacing.

*RADCON prevents absorption below the concrete surface without any loss of surface adhesion.*

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## Radcrete Pacific presents: Trafficable Areas



### SITE DETAILS:

PROJECT	<b>BPO GLOBAL CITY – 2008</b>
AREA	1,300 sqm 2-4 Floor Parking
ARCHITECT	AIDEA Phils.
CONTRACTOR	Makati Development Corporation
APPLICATOR	MB Technosolutions Corporation

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**Radcrete Pacific** presents: **Trafficable Areas**



## **SITE DETAILS:**

PROJECT	<b>CYBERPOD - 2008</b>
AREA	300 sqm Utilities
ARCHITECT	Gencon Grandway
APPLICATOR	MB Technosolutions Corporation

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## Radcrete Pacific presents: Trafficable Areas



### SITE DETAILS:

PROJECT	<b>EAST OF GALLERIA-2008</b>
AREA	1,800 sqm 2-3 Floor Parking
ARCHITECT	PRSP & Associates
CONTRACTOR	DATEM
APPLICATOR	MB Technosolutions Corporation

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## Radcrete Pacific presents: Trafficable Areas



### SITE DETAILS:

PROJECT	<b>FRANCESCA TOWER - 2006</b>
AREA	650 sqm 2 <sup>nd</sup> Floor Parking
ARCHITECT	New San Jose Builders
CONTRACTOR	New San Jose Builders
APPLICATOR	MB Technosolutions Corporation

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## Radcrete Pacific presents: Commercial Buildings



### SITE DETAILS:

PROJECT	<b>INFANT JESUS CHURCH-2007</b>
AREA	465 sqm Bell Tower Dome
ARCHITECT	In-Church Architect
CONTRACTOR	MB Technosolutions Corporation
APPLICATOR	MB Technosolutions Corporation

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## Radcrete Pacific presents: Water Holding Vessels



### SITE DETAILS:

PROJECT	<b>MANILA WATER - 2008</b>
AREA	2,050 sqm Internal water tanks
ARCHITECT	EDCOP
CONTRACTOR	Makati Development Corp
APPLICATOR	MB Technosolutions Corporation

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**Radcrete Pacific** presents: **Trafficable Areas**



## **SITE DETAILS:**

PROJECT	<b>OAKWOOD ORTIGAS - 2008</b>
AREA	1,460 sqm 2-4 Floor Parking
ARCHITECT	Arch. Esteban Tan
CONTRACTOR	DATAM
APPLICATOR	MB Technosolutions Corporation

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## Radcrete Pacific presents: Commercial Buildings



### SITE DETAILS:

PROJECT	<b>PASEO CIRCLE - 2009</b>
AREA	590 sqm Roof Deck
ARCHITECT	Arch. Eugene Panaguiton
CONTRACTOR	FORTEK Builders
APPLICATOR	MB Technosolutions Corporation

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## Radcrete Pacific presents: Trafficable Area



### SITE DETAILS:

PROJECT	<b>RITZ TOWER MAKATI-2008</b>
AREA	1,900 sqm Driveway & Plant Boxes
ARCHITECT	RITZ (In-house)
CONTRACTOR	MB Tech (direct)
APPLICATOR	MB Technosolutions Corporation

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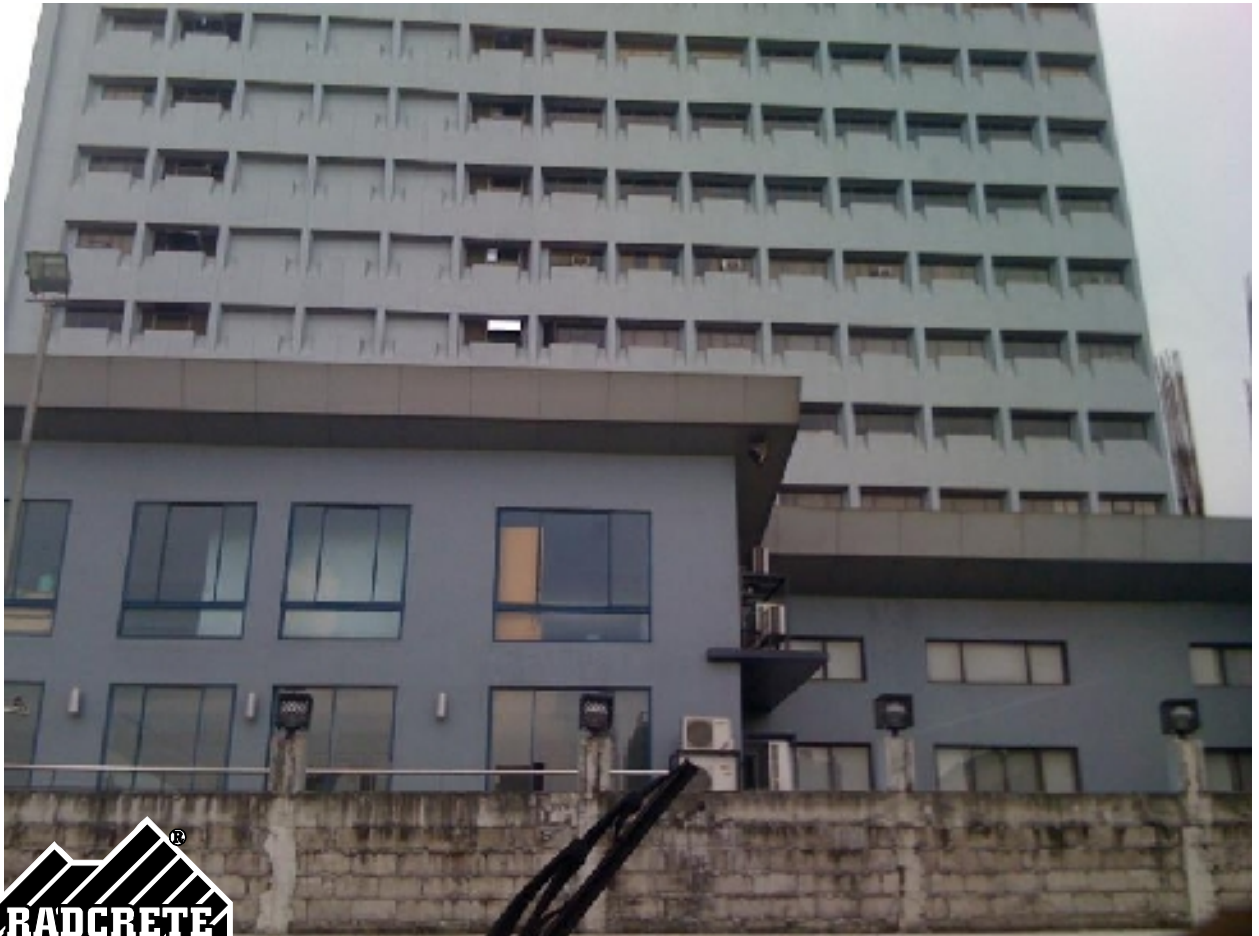
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### SITE DETAILS:

PROJECT	<b>ST. AUGUSTINE SCHOOL-2009</b>
AREA	570 sqm Roof Deck
ARCHITECT	Vega Architects
CONTRACTOR	FGU Builders
APPLICATOR	MB Technosolutions Corporation

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### SITE DETAILS:

PROJECT	<b>STI SCHOOL GLOBAL CITY-2008</b>
AREA	660 sqm Roof Deck
ARCHITECT	Vega Architects
CONTRACTOR	DÉCOR Construction
APPLICATOR	MB Technosolutions Corporation

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## Radcrete Pacific presents: Commercial Buildings



### SITE DETAILS:

PROJECT	<b>WEST TRADE CENTER-2006</b>
AREA	1,050 sqm Roof Deck
ARCHITECT	Arch. Jun Marapao
CONTRACTOR	JECA Builders
APPLICATOR	MB Technosolutions Corporation

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