

Case Study....

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BRIDGES &
HIGHWAYS

RAIL

AIRPORTS

ROOFING

WATER SUPPLY

BASEMENTS

TUNNELS

CAR PARKS

Project : Petra Tou Romiou Viaducts

Location: Limassol to Paphos Highway,
Cyprus

Client: Ministry of Communications & Public
Works Department

Design Engineer: Hyder (ACER) in association with Lardis &
Partners

Image:



Description:

PmB polyurethane elastomer was approved by the client and design engineer, Hyder (ACER), to protect the tension mechanism of the Petra Tou Romiou Viaducts in Cyprus.

The works formed part of the Limassol to Paphos Highway Section 2B project, designed to relieve traffic congestion on this busy tourist route. The viaducts were constructed by the incremental launch technique and stand 70 metres above a gorge, each being 420 metres in length.

The use of a spray-applied elastomer waterproofing system was considered essential to prevent corrosion in this coastal saline environment. PmB provided the optimum solution due to the excellent crack bridging abilities, high bond adhesion and impermeable properties under extreme conditions.

The installation was undertaken in two phases with each viaduct built in sequence during 2001 and 2002, the total waterproofing area being 10,000 m².



Waterproofing



A Division of Pitchmastic PmB Ltd



International

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