Green Roof
Causeway Bay Community Centre
Hong Kong

SikaRoof® MTC Green
**Project Description**

Causeway Bay is a heavily built-up area of Hong Kong, located on the northern shore of Hong Kong Island and covering parts of Wan Chai and Eastern districts. The rent in the shopping areas of Causeway Bay is ranked as being one of the most expensive in the world, near that of London’s Sloane Street and New York’s Fifth Avenue.

**Project Requirements**

Causeway Bay Community Centre was the first green roof project to be put out to tender by ASD on behalf of the Hong Kong Government, as part of the decree that all new flat roof projects must include an element of green roofing. The community centre itself is surrounded on three sides by high-rise towers; therefore the application of a green roof would also create an aesthetic appeal for the neighbouring residents. The project covers 640m² of roof space.

**Sika Solution**

Prior to the installation of the Extensive Green Roof System, the concrete pavers currently in situ on the roof had to be levelled off and power washed. SikaRoof® MTC Green system was then applied – consisting of Sikalastic® 602 BR (Decothane Root Resistant Base Coat), fully reinforced with Reemat Premium, and completed with Sikalastic® 622 TR (Decothane Root Resistant Top Coat). A drainage layer, geotextile, and water reservoir panel were then added by Oriental Landscapes before they installed the plug planted sedum and shrubs.

**The Benefits**

The application of the SikaRoof® MTC Green (Decothane) waterproof membrane took place during the wettest two months that Hong Kong had seen since records began. These harsh weather conditions could have proved problematic for other liquid applied products, however Decothane becomes instantly waterproof and remains effective even under ponded water. Once installed SikaRoof® MTC Green (Decothane) is also completely seamless, resistant to penetration by even the most aggressive roots, and achieves the highest fire ratings. The completed SikaRoof® MTC Green System provides an attractive, sustainable roof option.

**Project Participants**

Client: Hong Kong Government/Architectural Services Department (ASD)
Contractor: Conspec/Oriental Landscapes
Sika Organisation: Liquid Plastics Limited, England