

CASE STUDY

PILGRIM'S PALACE, CANTERBURY CATHEDRAL

Roof of 14th Century historic building enjoys new lease of life



IKO PLC helped to refurbish one of the most prestigious buildings in the country, the 14th Century Archbishop's Palace at Canterbury Cathedral.

As part of an extensive internal and external refurbishment, contractors Barwicks and Knight Asphalte used Permaphalt polymer modified mastic asphalt to give the Palace's roof a new lease of life.

The previous mastic asphalt roofing surface has stood the test of time, having being applied around a century ago and still showing little sign of losing its waterproofing integrity. As the palace demonstrates, mastic asphalt and bitumen has been used for waterproofing flat roofs for many years. Since the introduction of polymer modified products, the characteristics of mastic asphalt have been improved further still to create higher performing products.

Peter Knight, Contracts Director of Knight Asphalte, commented: "Mastic asphalt as a waterproofing agent, offers the flexibility and durability even with increased problems of thermal stressing. Its seamless nature and capability of following the most complex of shapes without the need for lap joints means waterproof integrity is

Project Sector: Historic Refurbishment
System: Hot Applied Mastic Asphalt
Products Used: Permaphalt Polymer Modified Mastic Asphalt
Contractors: Knight Asphalte
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maintained. We at Knight Asphalte have built our company on this performance and would recommend it as a highly cost-effective material with an unrivalled life expectancy in flat roofing."

Permaphalt is a polymer modified mastic asphalt that provides a higher performance than conventional grades. Polymer modification of the bitumen binder of mastic asphalt gives increased high temperature stability coupled with low temperature flexibility in roofing applications. Permaphalt offers long term durability plus increased fatigue resistance and is applied by traditional asphalt techniques, which means it is easy to install.

