

## Enduring success

A recent resurfacing project carried out on the Kessock Bridge, north of Inverness in Scotland, is a perfect example of where PMBs offered the most economical, long-lasting approach

For this resurfacing project, the client chose Gussasphalt, laid by Aeschlimann and incorporating Nynas Endura N5 binder. This solution had already been tried and tested on the Avonmouth and Tamar bridges in England. "Gussasphalt was specified by the client because they wanted a long-lasting solution for this bridge. It has been used successfully on steel-decked bridges around Europe and it has just come to the UK recently," explains Nigel Hardy, Scotland Area Sales Manager.

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During the resurfacing work, the main challenges were to lessen the bridge's movement by providing a smooth running surface, and to reduce noise. Additionally there was a need to ensure continuous supplies of asphalt were readily available to beat the vagaries of the Scottish weather and avoid an unnecessary transverse joint.

For this task, Aeschlimann selected Leiths (Scotland) Ltd as its partner to manufacture and supply Gussasphalt from its nearby asphalt plant. "The surfacing for the bridge provides a smooth running surface such that bridge movement under load will be significantly lessened compared to the old surfacing. The new surfacing material designed specifically for this contract will, in my opinion, provide the stiffness and durability needed for a life in excess of 20 years," states Neil Anderson, Technical Director for Leiths (Scotland) Ltd.

The work is being carried out in two phases, with the first stage completed in June 2013. The final stage will be conducted between February and June 2014, the objective being that the renovations to the bridge will result in a long-lasting solution and lead to many years of maintenance-free service.

