



Cases for and against hot mix road surfacings

Thursday 15 October 2009
SCI, London, UK

Organised by SCI's Construction Materials Group in partnership with the Institute of Asphalt Technology & the Institution of Highways and Transportation



synopsis

Thin surfacings have taken over from other asphalt materials in the last 15 years. The review of the advantages and disadvantages of each major asphalt type will help people identify their different uses.

What the meeting will cover

In recent years, additional generic types of asphalt surfacing materials have become available for use on road and airfield pavements. Some clients have used them to replace the more traditional materials everywhere, whilst others have generally remained loyal to the original types.

The best approach must be to take all the available types into consideration so that the most appropriate option can be selected for each individual case.

The seminar will review the advantages and disadvantages of the various types of hot mix asphalt that are available. The relative importance of different properties will change with the conditions that prevail on each site, making it difficult for one material to be appropriate in every case. The talks will concentrate on the most commonly-used types of thin surfacing (including stone mastic asphalt), hot rolled asphalt and coated macadam (now termed asphalt concrete), but will also cover less frequently used materials such as mastic asphalt and porous asphalt. It is hoped that the seminar will stimulate engineers to consider the mixtures that they specify or propose for use on a site, so that its properties meet the various specific requirements. One size does not fit all.

Please note: CPD points will be available for this meeting

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- 13:30** Registration and refreshments
- 14:00** **Chairman's introduction**
John Bensted, SCI's CMG Chairman
- 14:10** **Overview, including less common options**
Cliff Nicholls, TRL
- 14:35** **SMA and other thin surfacings, the "modern" option**
Keith Grant, Devon County Council
- 15:00** Refreshments
- 15:20** **Hot rolled asphalt, the "traditional" option for major roads**
John Thorp, Lancashire County Council
- 15:45** **Coated macadam (or asphalt concrete), the "traditional" option for minor roads**
David O'Farrell, Capita Symonds
- 16:10** Discussion
- 16:30** Close

**organising
committee**

Cliff Nicholls, TRL Limited
John Richardson, Colas Ltd

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