

Pigmentable Binders

Graeme Richards

Technical & Development Laboratory Manager
Aggregate Industries UK Ltd

Pigmentable binders are used in a variety of surfacing materials and generally consist of bitumen based or resin based binders (or a combination of these). The coloured products that are subsequently made from these are required in infrastructure for reasons of aesthetics, demarcation and/or safety.

The various systems are examined to highlight the market differences, with an emphasis on bitumen based systems. The use of materials based on pigmentable binders requires a different approach to conventional materials from design stage to finished surface. These materials are not only significantly higher in cost (and value) than conventional surfacings but give unique challenges in their specification, production and application. These issues are discussed together with potential new challenges for the future.