



Bridge Deck Protection

A guide to the application of ABG Dekotex, high visibility bridge deck protection grid

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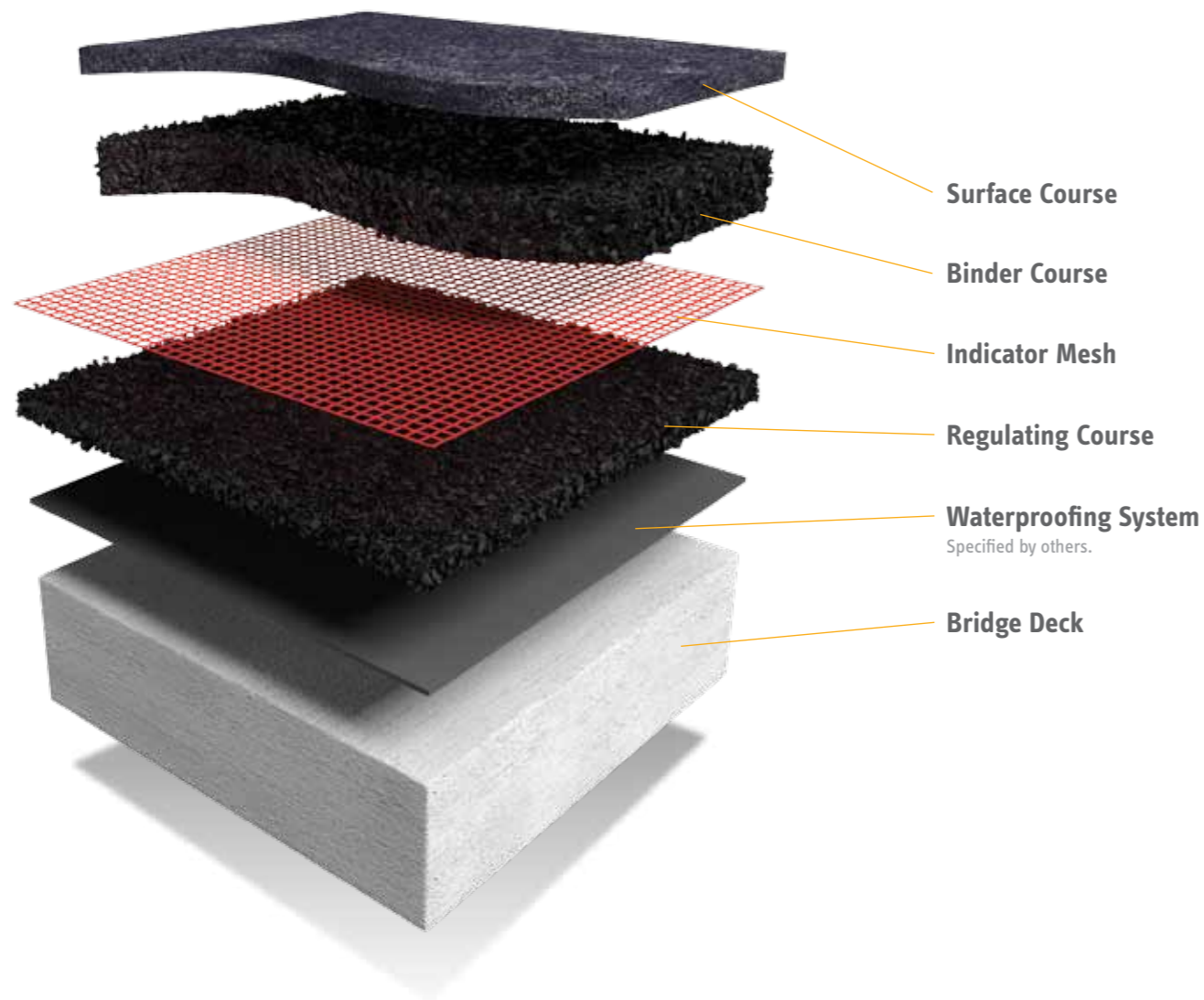
Dekotex

Dekotex is a bright orange, self adhesive PVC coated Glass Fibre Grid, designed specifically as an indicator layer; to identify and protect bridge deck waterproofing and shallow services from damage during future resurfacing or repair work.

Traditionally, bridge deck waterproofing has been protected by a red asphalt sand carpet which can be expensive and difficult to obtain in small quantities. During future planing or excavation, red asphalt may not have sufficient contrast to immediately alert the operative however the high visibility of Dekotex means it will quickly show the in planings.

Dekotex is used as an indicator layer in bituminous materials to give warning of sensitive material below e.g. bridge deck waterproofing, shallow service cables etc.

Incorporating a pressure-sensitive bonding layer to hold it in place during subsequent paving operations Dekotex is quick and easy to lay. A regulating layer is prepared before the Dekotex is laid. A light tack coat is then applied before being covered with the overlay.



Features and Benefits

- High visibility orange colour, easily identifiable within the arisings or in the bottom or sides of a trench.
- Self adhesive backing, quick and easy to install without the need for specialist training or plant.
- Robust enough to withstand the rigours of construction activities.
- Resistant to all chemicals commonly associated with highways.
- A life expectancy in excess of 120 years ensuring it lasts the whole life of the project.

Property	Unit	
Material	Multifilament glass fibre in PVC protective coating	
Colour	Bright Orange	
Aperture size	mm	7-10
Tensile Strength MD/CD	kN/m	35
Life Expectancy	Years	>120
Temperature Resistance	°C	1000

Please contact ABG on 01484 852096 or by email at highways@abgltd.com to discuss your requirements. Data is indicative only and should not be used for final design. Full datasheet containing test data, methods and tolerances is available on request.

This literature together with technical data, specifications, design guidance, technical advice, installation instructions or product samples can be obtained by contacting ABG Ltd. All information supplied in this brochure is supplied in good faith and without charge to enable a reasonable assessment of the practical performance of our products. Final determination of the suitability of information or material for the use contemplated and the manner of the use is the sole responsibility of the user. As design and installation is beyond our control (unless specifically requested) no warranty is given or implied and the information does not form part of any contract. The right is reserved to update the information at any time without prior notice. ©2013 ABG Ltd

About ABG

ABG is a market leader in the design, development, manufacture and technical support of high performance geosynthetic systems for use in a wide range of civil engineering, highway, structures, environmental and building projects.

Formed in 1988, based in Meltham, in the heart of the Pennines, ABG have developed an excellent reputation for developing quality products and delivering outstanding service. The ability for rapid product development ensures that the most innovative, up to date and cost effective solution can be found for many engineering problems.

ABG's involvement in highways goes back over twenty five years and they now have a complete range of products developed specifically for use in this project sector. During this period ABG have supplied major highways and associated structure projects throughout the United Kingdom.

Technical support on ABG systems is provided by our trained and experienced staff, many of whom are Chartered Civil Engineers. This extensive support extends to full design, design validation, feasibility studies, cost advice and advice on meeting regulatory requirements.

Part of this technical support includes developing and driving knowledge within our active markets including working with both international and local regulatory bodies on developing guidance and best practice in the use of innovative geosynthetics to solve complex engineering issues.

Other ABG Products available for use in highway applications include:

Asphalt Reinforcement Grids

Fin drains for highway edge drainage and use in embankment consolidation

Geogrids and Geotextiles

Structures - Protection and drainage

Erosion Control Systems

For further information please contact ABG Highways.

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abg Ltd. E7 Meltham Mills Road, Meltham, Holmfirth, HD9 4DS, United Kingdom
t +44 (0)1484 354817 e highways@abgltd.com Registered in England No. 2274509

www.abgltd.com

