



AGGREGATES AND ASPHALT DIVISION

THE ENVIRO RANGE

High recycled content
asphalt products



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The *Enviro* range of asphalt products is manufactured using a high percentage of Recycled Asphalt (RA) – dramatically reducing embodied carbon compared to materials manufactured using primary aggregates, without impacting on quality.

EnviroBase and EnviroBinder

EnviroBase and *EnviroBinder* are asphaltic concretes manufactured from aggregates selected to provide the maximum mechanical interlock and compressive strength. They are available in 20mm and 32mm nominal sizes and can be used in highways and all paved areas as structural layers.

EnviroPath

EnviroPath is an energy-saving footway surface product manufactured with up to 90% recycled asphalt. This 6mm cold-laid asphalt is bound by a bitumen emulsion formulated to ensure both ease of laying and a durable finish for urban and rural footways.

EnviroSurface

EnviroSurface is a versatile 6mm surface course containing up to 60% recycled asphalt, bound by a polymer modified bitumen. Available as both an asphaltic concrete and a stone mastic asphalt, *EnviroSurface* provides an aesthetically pleasing fine-textured surface that is resilient enough to cope with high levels of traffic – ideal for dual purpose paved areas.

Sustainable solutions

Most asphalt plants are capable of incorporating low levels of recycled asphalt; typically around 10% by mass. However, to create high recycled content asphalt that still meets the highest standards of quality requires sophisticated manufacturing facilities and specialist expertise.

FM Conway's cutting edge asphalt plants are capable of manufacturing asphalt with up to 90% recycled content. This, coupled with our in-house capability to assess, select and reclaim asphalt materials from construction projects across the south east, has enabled us to create our innovative *Enviro* range of products.

Performance excellence

Our recycled asphalt is recovered under an Environment Agency protocol, and subject to the same quality assurance system as virgin aggregates.

Engineering and environmental performance data is provided routinely to assist clients in demonstrating their compliance with government targets.

All mixtures comply fully with BS EN 13108 'Bituminous mixtures' and its accompanying guidance notes (PD6691 Appendix B) as applicable.

Product testing complies fully with the requirements of BS EN 12697 Test methods for hot mix asphalt.

Product installation and any subsequent testing is also compliant with BS 5944987 'Asphalt for Roads and Other Paved Areas.



For detailed guidance on material selection, laying requirements and appropriate uses, contact our Aggregates and Asphalt division.



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