

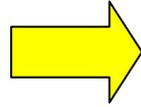
An Alternative Aesthetic Asphalt (The Alternative Uses of Asphalt) SCI 21st March 2013

Chris Marchesi
Specifications Manager, Performance Asphalts

An Alternative Aesthetic Asphalt

- 1 – Current materials
- 2 – What is it ?
- 3 – How is the aggregate exposed ?
- 5 – Some Issues
- 6 – Completed Scheme

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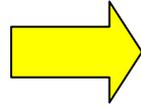


Red Asphalt: rapid colour fade under trafficking. Colour difference from load to load.

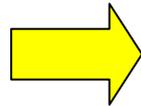


Clear Asphalt Mixes: "Chalking". Rapid colour fade, expensive.

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HFS – Short laying period, low durability, tendency to de-laminate



Granite Setts – Look very good when correct, but once they have been lifted it is extremely difficult to re-lay them in a satisfactory manner.

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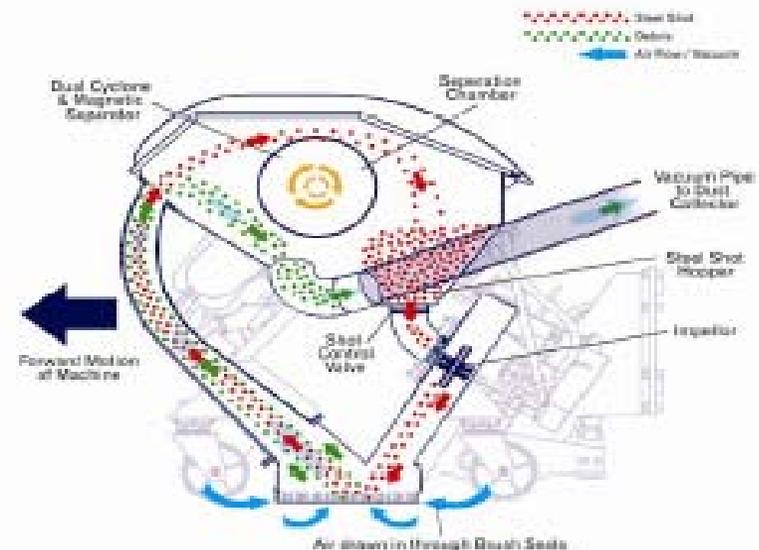
The material comprises of a stone rich mix that uses an aggregate selected for its visual appearance in addition to its engineering properties. Once the material has been laid, using conventional equipment and techniques, the bitumen is removed from the finished surface of the asphalt by shotblasting thereby exposing the colourful aggregate within the asphalt.

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HVIM / Shot Blasting

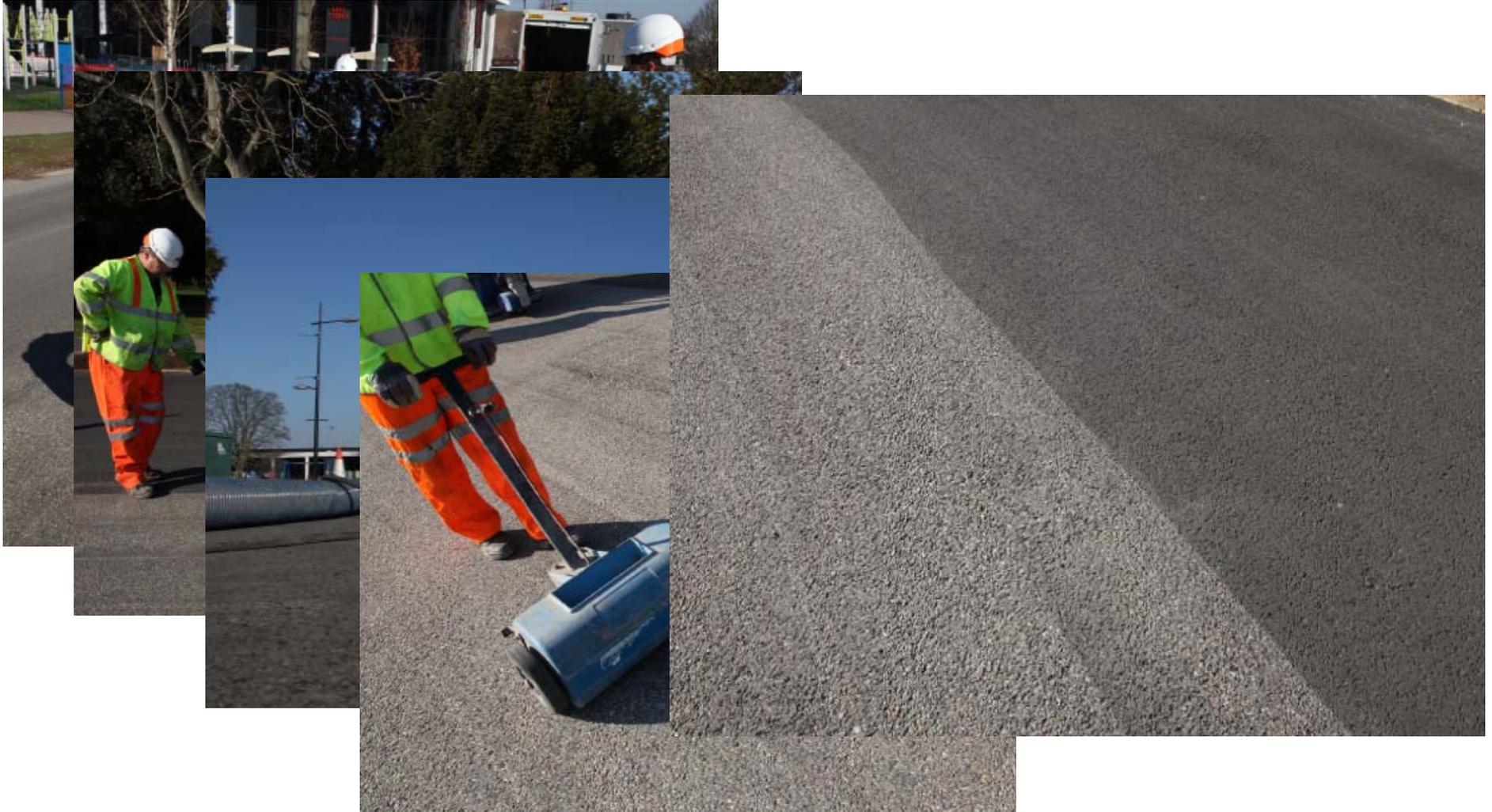
1. Steel shot is thrown at high velocity onto the surface.
2. Both the shot and the abraded debris are recovered into the blaster.
3. The shot and debris are separated.
4. The shot is recycled.
5. The debris goes to the dust collector.



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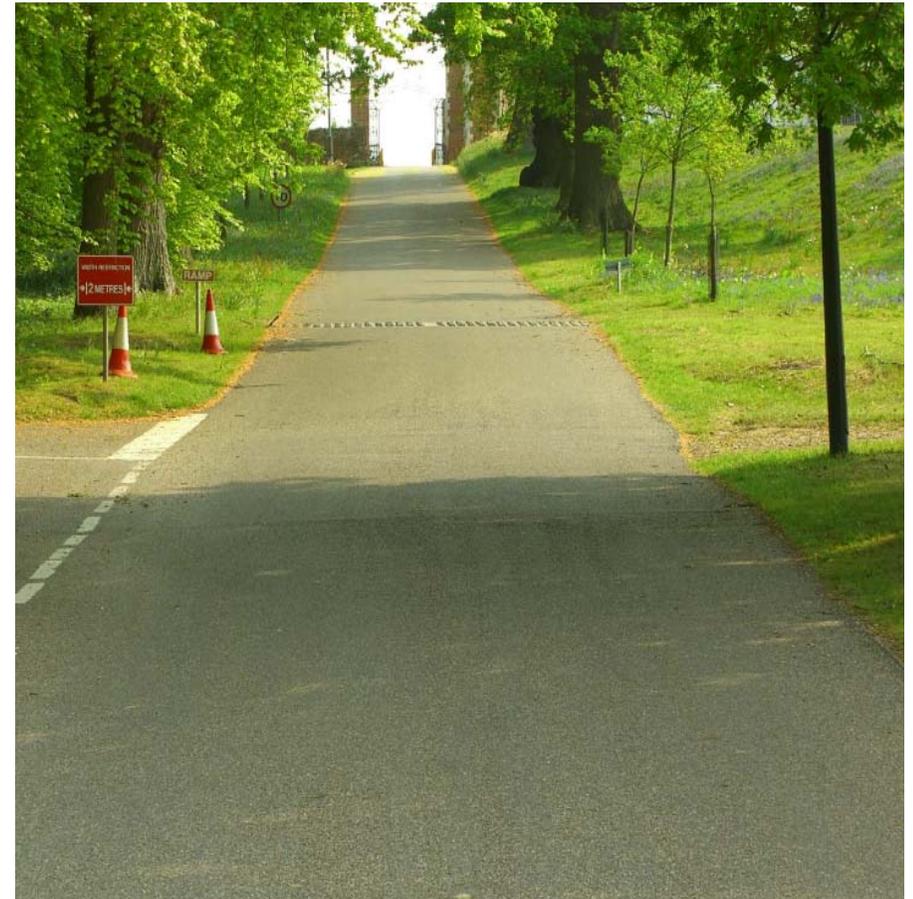
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....beware....



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....a finished job:



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Questions ?