

# SURFACE DRESS CHIPPINGS



Surface dressing is a cost-effective road maintenance technique that preserves roads in good condition. It involves sealing the surface with bitumen and chippings to prevent water damage, cracks, and potholes, while also improving skid resistance. This process extends a road's life, delaying the need for more expensive resurfacing. It's a quick, single-day operation per site, usually performed between April and September when warm, dry weather ensures proper binding. Roads remain open with minimal disruption.

## APPLICATIONS

Surface dressing is a versatile technique used on a wide range of roads. It's ideal for:

- ▶ **Busy Rural and Urban Roads:** Commonly applied to main "A" and "B" roads and secondary urban routes, it provides essential waterproofing and skid resistance for moderate to heavy traffic.
- ▶ **Residential Roads:** Suitable for areas needing a durable, long-lasting surface.
- ▶ **Strategic Road Networks (selectively):** Can be used as a preventative measure on sections of trunk roads, especially older parts or those with lighter traffic.
- ▶ **Country Lanes and Quieter Routes:** A cost-effective solution for maintaining less-used roads, extending their life and enhancing safety.

## BENEFITS



### Increased Durability and Safety

Effectively seals the road foundation, preventing water ingress that leads to weakening and pothole formation, reducing the need for extensive repairs.



### Unmatched Cost-Efficiency

Offers significant savings, and considerably more economical than alternative road restoration methods.



### Minimal Disruption

Enables immediate traffic access after application, drastically reducing road closure times and inconvenience.

## SPECIFICATION

- ▶ **Size Range:** 2.8/6mm, 6.3/10mm, 8/14mm
- ▶ **Specification:** BS EN 13043 Table 4
- ▶ **Material:** Aggregates for Asphalt and surface treatments BS EN 13043 Table 4
- ▶ **Aggregate Petrographic Group:** Various depending on road requirements
- ▶ **Supply Plant:** Various depending on the properties of the aggregates required

SPECIFICATION

Material: 2.8/6mm Surface dress Chippings

Sieve size (mm)	Typical Grading	Specification
14mm	100	100
10mm	100	98 – 100
6.3mm	93	85 – 100
2.8mm	5	0 – 15
1mm	0.1	0 – 2
0.063mm	0.1	0 – 1.0

Material: 6.3/10mm Surface Dress Chippings

Sieve size (mm)	Typical Grading	Specification
20mm	100	100
14mm	100	98 – 100
10mm	92	85 – 100
6.3mm	11	0 – 20
2.8mm	1	0 – 5
0.063mm	0.1	0 – 2

Material: 8/14mm Surface Dress Chippings

Sieve size (mm)	Typical Grading	Specification
20mm	100	98 – 100
14mm	91	80 – 99
8mm	4	0 – 15
4mm	1	0 – 2
0.063mm	0	0.0 – 2.0

All the typical gradings are based on Bardon Hill supply.

Property	Specification
Los Angeles Coefficient	BS EN 1097-2
Aggregate Abrasion Value	BS EN 1097-8
Polished Stone Value	BS EN 1097-8
Flake	BS EN 933-3

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## SUSTAINABILITY & LOCAL SOURCING

### Energy use and greenhouse gas emissions

Holcim UK is at the forefront of sustainability and has committed to reducing both energy and greenhouse gas intensity 5% year-on-year.

### Recyclable

100% of the product can be recycled thus reducing the amount of material that is sent to landfill.

### Manufacturing location

Produced in the UK, with locally sourced materials under strict environmental and social legislation, for local supply.

### Circular economy

We will maximise reuse and recycle, with zero waste to landfill. We improve resource efficiency through reuse, recovery and/or recycling of waste materials in our production processes. Plus, we minimise the generation of both hazardous and non-hazardous waste.

### Responsible sourcing

Holcim UK was the first UK construction company to achieve accreditation to the BES 6001 Framework Standard for the Responsible Sourcing of Construction Products.

**Holcim UK has achieved a 'Very Good' rating for major product groups. The BES 6001 standard assesses:**

- ▶ Quality Management
- ▶ Environmental Management
- ▶ Health and Safety Management
- ▶ Greenhouse Gas Emissions
- ▶ Minimising Raw Material Usage
- ▶ Labour Practice
- ▶ Biodiversity
- ▶ Community Engagement

## MANUFACTURING STANDARD

All Holcim UK's products are manufactured in accordance with ISO 9001 with factory compliance to ISO 14001.

## POLICIES

Holcim policies on the environment and community, health and safety and sustainable solutions for different product applications can be viewed on our website [www.holcim.co.uk](http://www.holcim.co.uk).

## COSHH DATA

Full COSHH data is available on request. Please call **01698 870970** for more information.

## TECHNICAL SUPPORT

Detailed guidance and assistance for specification and use of aggregate products is available through the sales office. A free technical service is also available. For further information, please refer to our technical services on **0845 600 0860**.

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