

Colourchip® Coated Chippings



Description

Colourchip® coated chippings are the simple and effective way to create attractive and low cost decorative finishes and eye-catching colour demarcation in blacktop surfaces.

Colourchip® coated chippings comprise specially selected and graded aggregates pre-coated with a hot, clear hydrocarbon-based resin. The clear resin is fully compatible with bitumen-based products, making Colourchip® coated chippings an ideal solution for cost effective colour enhancement on hot rolled asphalt (HRA) surfacing.

The clear binder allows Colourchip® coated chippings to fully bond to HRA while also allowing the natural colour of the aggregate to provide an immediate decorative finish, which is maintained throughout the life of the surfacing.

Colourchip® coated chippings can be used in locations where a permanent coloured or decorative finish is required on roads or other paved areas.

Typical Uses

- Pedestrian Areas
- Driveways
- Footpaths
- Roadways
- Bus Lanes
- Cycle Lanes
- Village Gateways
- Home Zones
- Traffic Demarcation

Application

Colourchip® coated chippings should be spread evenly over the surface and rolled into hot asphalt at the time of laying, using the same equipment and techniques as for bitumen coated chippings.

Hot rolled asphalt, to BS594987, must not contain more than 40% of course aggregate with chippings applied at a reduced rate of spread (see overleaf).

Performance

The durability of surfacings incorporating Colourchip® coated chippings will depend upon site conditions. A similar service life to that of a surfacing using conventional bitumen coated chippings, made with the same aggregate, can be expected.



Quality Assurance

Colourchip® coated chippings are manufactured and supplied within ISO 9001 quality, ISO 14001 environmental and ISO 18001 safety management systems certified by BSI. The products are manufactured at a specialist roadstone coating plant, which has been specifically modified for use with clear binder.

Supply

Colourchip® coated chippings are supplied across the UK in bulk lorry loads, in 1T or 25Kg bags and can be delivered direct to site or stockpiled ready for use. They are also available for collection from our trade centres in Wymondham and Cambridge.



Colours

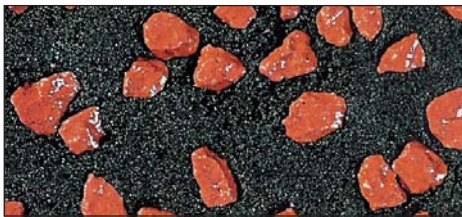
Colourchip® coated chippings are available in a wide range of standard natural aggregates with pigmented versions for even greater colour enhancement, some of which are illustrated below:



14mm Criggion Green (pigmented)



11/16mm Harden Red



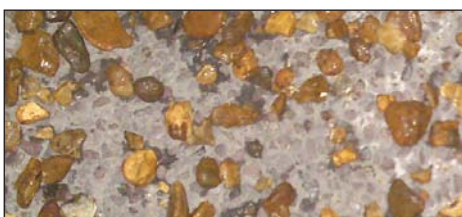
11/16mm Harden Red (pigmented)



20mm Balmullo



10/14mm Gravel



16/20mm Golden Quartzite

Colourchip® coated chippings

are available as standard in:

PC3	20mm Green
PC4	20mm Green pigmented
PC5	14mm Green
PC6	14mm Green pigmented
PC7	20mm Red
PC8	20mm Red pigmented
PC9	14mm Red
PC10	14mm Red pigmented
PC11	20mm Balmullo
PC12	20mm Balmullo pigmented
PC13	14mm Gravel
PC14	20mm Gravel
PC15	20mm Golden Quartzite
PC16	8/12mm White
PC17	20mm White
PC19	10/14mm Silver Grey Granite
PC20	10/14mm Golden Quartzite
PC22	20mm Silver Grey Granite

Other suitable aggregates can be supplied to meet specific project requirements in terms of colour and physical properties.

Rates of Spread

Recommended rates of spread:
5.0kg per m² for 14mm chippings
6.5kg per m² for 20mm chippings

Physical Properties

Selected data are summarised below. Please refer to physical properties sheet for full data.

Product: PC 3-6 Green Granite
Agg type: Albitized-olivine dolerite
Polished Stone Value (PSV): 62

Product: PC 7-10 Red Granite
Agg type: Albitite-biotite prophyrite
Polished Stone Value (PSV): 57

Product: PC 11-12 Balmullo Granite
Agg type: Prophyry felsite
Polished Stone Value (PSV): 60

Product: PC 13-14 Gravel
Agg type: Flint Gravel
Polished Stone Value (PSV): 36

Product: PC 15&20 Golden Quartzite
Agg type: Quartzite
Polished Stone Value (PSV): 59

Product: PC 19&22 Silver Grey Granite
Agg type: Granite
Polished Stone Value (PSV): 55

Other Ayton Products

Ayton Products produce and supply a full range of Specialist Surfacing Products including:

Clearmac®

Proprietary clear resin bound paving using natural aggregates fully encapsulated in a 15-20mm depth wearing course. Provides a visually stunning and highly durable paving solution either by itself or in combination with traditional block paving, Yorkstone, mosaics and granite setts. Hot Clearmac is available on a supply only basis to all contractors and customers.

Tripave®

Base upon rapid cure methyl methacrylate (MMA) technology, a water impermeable, highly durable fully bound surfacing with variable texture and colour finishes. Ideally suited for technical and time critical applications.

Stonebond®

Polyurethane resin surface dressing using bonded aggregates to create texture, hard wearing and attractive surfaces.

Ayton Playsafe®

Coloured EPDM / recycled rubber resin bound, impact absorbing, safety surfacing for applications including playgrounds, play areas and stables.

Cold Clearmac®, Tripave®, Stonebond® and Ayton Playsafe® is available for supply and lay from our UK licenced installer Gaysha Specialist Surfacing Ltd. Contact details:-
Unit 6, Northend Trading Estate,
Northend, Erith, Kent DA8 3PP.
Tel: 01322 340350
Email: gssresin@mac.com

Ayton Products also produce a full range of **Bitumen & Construction Products**. Full details available on request.