



# Colourcrete®

Coloured concrete guide

# Bring your projects to life with Colourcrete®

Hanson's Colourcrete range of coloured concretes can add a whole new dimension to your project. It can be used wherever conventional concrete is specified and can be colour-matched to blend with the surrounding area or help your project stand out from the crowd.

Coloured concrete provides a permanent, cost-effective alternative to decorative surface coatings and brings colour and texture to a wide range of structures – from footpaths, flooring and facades to skate parks, shopping centres and sea defences.

The Colourcrete range of high quality ready-mixed concretes is available nationally in a range of standard colours – or we can produce a bespoke mix to your exact requirements.

## Applications:

- **Architectural design** – create a feature or tone with the surroundings
- **Public buildings** – e.g. museums, showrooms, schools, airports, etc
- **Walkways and cycle paths** – brighter colours for safer pedestrians and cyclists
- **Tramways** – differentiate between road and tramway
- **Parking** – delineate parking bays
- **Leisure** – use in skate parks and sports centres
- **Sea defences** – complement coastal areas
- **Industrial flooring** – demarcation for safer working
- **Domestic** – for driveways, patios and domestic use

## Benefits:

- **Enhanced design flexibility** – decorative and textured finishing techniques and effects
- **Colour consistency** – throughout each batch and from batch to batch
- **Fade resistance** – to sun and weather
- **Durable** – long lasting with little or no maintenance
- **Wide range of colours available** – extensive standard range with bespoke options available
- **SRI (Solar Reflectivity Index)** – many colours help to reduce the carbon footprint by allowing for reduced lighting requirements
- **Availability** – nationwide supply

Technical and Sales enquiries:

**0330 123 0690**

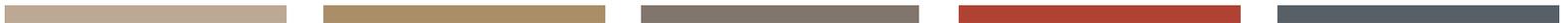
[marketing@hanson.com](mailto:marketing@hanson.com)



**SALES AND SUPPORT**

**[hanson.co.uk](http://hanson.co.uk)**

Alternatively you can visit our **Colourcrete showroom** located in the Building Centre, Store St, London.



**Hanson is the only company  
in the UK to use liquid  
colour pigments with the  
highest solid content**



**HANSON  
STRAW**



# Colour like no other

Hanson is the only company in the UK to use liquid colour pigments with the highest solid content, supplied by our partner Sika®, rather than powder or granules. This results in unrivalled colour accuracy and consistency as the liquid disperses immediately into the concrete mix.

The colour is added in a unique automated process which allows the exact dosage to be added time and time again, ensuring that different batches produced at different times match perfectly.

The use of white cement or a lighter cement replacement product such as Hanson Regen (ground granulated blast furnace slag) in the mix, will result in lighter pastels and brighter colours. This is particularly useful for vibrant colours such as blue and green. This also boosts Solar Reflectivity Index (SRI) values.

Hanson offers up to 48 standard colours in the Colourcrete range and up to 800 other colours to accommodate bespoke offerings. All of our coloured concretes are durable and sun, weather and fade resistant.

## CORE COLOURS



HANSON  
**DESERT TAN**



HANSON  
**STRAW**



HANSON  
**TAUPE**



HANSON  
**TERRACOTTA**



HANSON  
**ONYX**

Up to **800** bespoke mixes are available

These colours are to be used as a guideline only. Variations in raw materials and finishing techniques may alter the final colour.

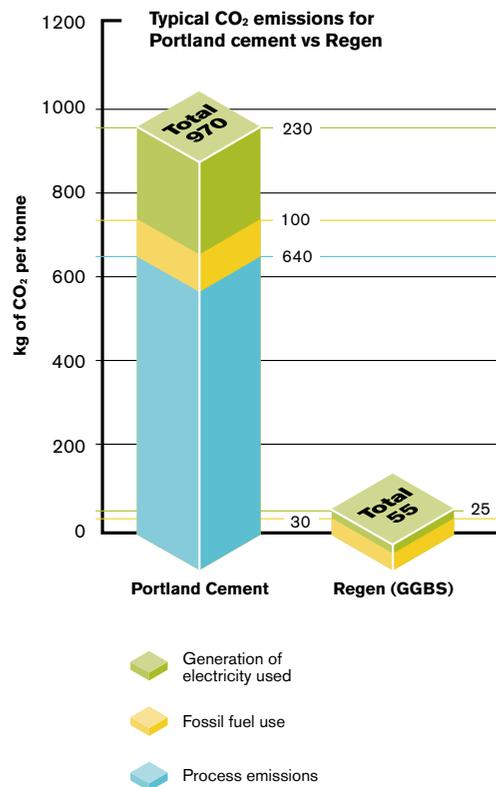
# Colourcrete<sup>®</sup>, greener in more ways than one

Hanson has placed sustainability at the heart of its operations to ensure it continues to offer its customers the most sustainable products available. By adding Regen to Colourcrete you not only achieve a brighter colour, but also a much greener product with greater SRI values.

## Regen inside

The use of cement substitutes, such as ground granulated blast furnace slag (GGBS), in coloured concrete can help reduce the CO<sub>2</sub> burden of a project. Hanson's Colourcrete range can incorporate Regen (GGBS), which is made by reusing the slag produced in iron-making. This means that Regen's manufacture requires a lower amount of energy and produces around one-tenth of the CO<sub>2</sub> emissions of Portland Cement. And, its use requires no mineral extraction and prevents thousands of tonnes of waste being disposed to landfill.

Adding Regen to the mix also means that Colourcrete is more durable than conventional coloured concretes, improving its longevity, even in aggressive environments.



Hanson has achieved the BES 6001 Responsible Sourcing of Materials Standard across all of its product lines, demonstrating its commitment to high environmental and sustainability standards. BES 6001 acknowledges a product's environmental credentials including all the processes from the origin of raw materials, through manufacturing to point of sale.



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Regen is a highly-sustainable cement substitute. From its low-emissions production process to its use in long-life structures, concrete made using Regen provides many sustainability benefits.



Colourcrete® at  
**The British Museum**



**HANSON**  
**ONYX**



## Case study

Hanson supplied 220 cubic metres of Hanson Onyx Colourcrete to the new World Conservation and Exhibitions Centre at the British Museum.

The new centre builds on the Museum's platform as a world-leader in the exhibition, conservation, examination and analysis of cultural objects from across the globe.

An integral part of this new world-class facility will be The Sainsbury Exhibitions Gallery of approximately 1,100 square metres for the presentation of large-scale exhibits. Hanson Onyx Colourcrete provides a black, colour fast and durable floor, creating a prominent architectural feature that is more than just functional.

Hanson worked closely with the Museum's approved specialist flooring contractor to verify the floor colour and finish through an extensive mix design and proven validation process.

“Working in partnership with Hanson ensured we were able to deliver a high performance, integrally coloured concrete floor to a world-class exhibition facility on time and in budget. Hanson's Colourcrete product gave excellent colour accuracy and consistency and through an extensive mix design and validation process, we were able to install the floor quickly and easily.”

**Ed Lazenby – Managing Director**  
E J Lazenby Contracts Ltd

**5,600,000 visitors**  
requires a hard-wearing floor

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# Hanson UK is a leading supplier of heavy building materials to the construction industry.

We produce aggregates (crushed rock, sand and gravel), ready-mixed concrete, asphalt, cement and cement-related materials. We are part of the HeidelbergCement Group, which has leading global positions in aggregates, cement and concrete. Hanson UK is split into four business lines – aggregates, concrete, asphalt and contracting and cement – which together operate around 300 manufacturing sites and employ over 3,500 people.

For detailed information on all areas of Hanson and our products visit [hanson.co.uk](http://hanson.co.uk)

## BULK CEMENT

- Regen (GGBS)
- Grey
- White



## AGGREGATES

- Sand and gravel
- Crushed rock
- Bulk decorative aggregates
- Agricultural lime
- Rock armour
- Silica sand

## CONCRETE

- EcoPlus®
- Ready-mixed concrete
- Ready-mixed mortar
- Coloured concrete – Colourcrete®
- Piling concrete – Tremiecrete®
- Piling concrete – EasyPile®
- Watertight concrete
- Sprayed concrete
- Reinforced concrete – Fibrecrete®



## ASPHALT

- Era® – low temperature asphalt
- Durafalt®
- Tuffgrip®
- Tuffpave®



## PACKED PRODUCTS

- Cement
- Ready-to-use mortar
- Ready-to-use concrete
- Asphalt
- Construction aggregates
- Decorative aggregates
- Sands
- Rock salt



## CONTRACTING

- Highway maintenance
- Road surfacing



## Hanson UK

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