

## Naturewalk (3 - 4 mm)



### Standard colour chart



T Quartz 2-3 mm



Guyanaan bauxite 1-3 mm



Brittany Bronze 1-3 mm



Chinese Buff bauxite 1-3 mm

The applied colours may differ slightly from the examples shown above.  
Contact our customer services for a true colour sample or a special colour match.

### Description

Naturewalk is a seamless and slip-resistant bonded gravel system, used primarily to surface outdoor areas, whereby a range of natural stone aggregates are scattered into a solvent free polyurethane resin binder.

### Uses

Naturewalk has been designed to ensure that walkways and external concourse areas reflect the natural beauty of the outdoors. Naturewalk is ideally suited to outdoor environments subject to heavy footfall such as leisure complexes, theme parks, holiday resorts or other public points of interest.

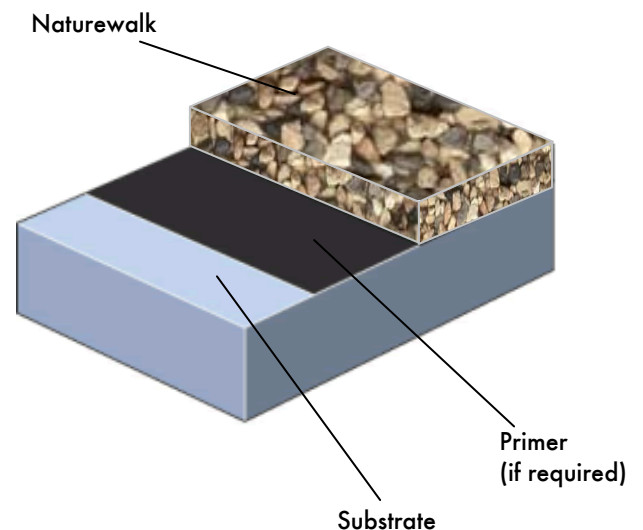
### Benefits

- Offers an excellent slip resistant profile.
- Capable of withstanding heavy footfall and vehicular traffic.
- Available in a decorative range of natural stone aggregates.
- Offers a durable alternative to loose stone and/or gravel.
- Offers a seamless alternative to block paving, eliminating the cracks where weeds can grow and dirt can dwell.
- Easily cleaned and maintained.
- Capable of installation over 'green concrete'.

### Project References

Ascot Racecourse

### System Design



## Model Specification

System: Naturewalk  
Finish: Natural stone  
Thickness: 3 - 4 mm  
Colour: \_\_\_\_\_  
Preparatory work and application in accordance with suppliers instructions.  
Supplier: Flowcrete UK Ltd.  
Telephone : Customer Services +44 (0)1270 753000

## Substrate Requirements

A concrete or screed substrate (with a minimum of 25N/mm<sup>2</sup> compressive strength), free from laitance, dust and other contamination. The substrate should be dry to 75% RH as per BS8204 and free from rising damp and ground water pressure. For substrate humidity above 75%, use the Flowfast primer as detailed below.

## Products Included in this System

### Primer

#### Concrete or screed substrate

up to 75% RH – No primer required  
up to 100% RH – Flowfast Damp Primer @ 0.3 – 0.5 kg/m<sup>2</sup>

**Bodycoat** Deckshield SF @ 2.5 kg/m<sup>2</sup> scatter with:  
Natural Stone @ 5 kg/m<sup>2</sup> (to excess)

**Sealer** Flowfast Standard Seal @ 0.5 kg/m<sup>2</sup>  
(Optional) - additional coats as required to reduce texture

Actual quantities required will be dependant upon substrate porosity, profile and aggregate size (typical values shown above for the stones in the standard colour chart).  
Detailed application instructions are available upon request.

## Installation Service

The installation should be carried out by a Flowcrete approved contractor with a documented quality assurance scheme.  
Obtain details of our approved contractors by contacting our customer service team or enquiring via our web site [www.flowcrete.co.uk](http://www.flowcrete.co.uk).

## Note

No resin system is totally colour fast and may change colour over time (exhibits a yellowing effect). Colour change depends on the UV light and heat levels present and hence the rate of change cannot be predicted. This is more noticeable in very light colours but does not compromise the product's physical or chemical resistance characteristics. We have endeavoured to adopt colours within our standard range which minimise this change.

Intensively coloured products (e.g. hair colorants, medical disinfectants etc.) and plasticizer migration (e.g. from rubber tyres) can lead to irreversible discoloration in the surface. Please contact our Technical Services Department for further advice.

## Environmental considerations

The finished system is assessed as non-hazardous to health and the environment. The long service life and seamless surface reduce the need for repairs, maintenance and cleaning. Environmental and health considerations are controlled during manufacture and application of the products by Flowcrete staff and fully trained and experienced contractors.

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Flowcrete UK Ltd is an RPM company

## Technical Information

The figures that follow are typical properties achieved in laboratory tests at 20 °C and at 50% Relative Humidity.

Slip Resistance	Dry >40 low slip potential
Method described in BS 7976-2 (typical values for 4-S rubber slider)	Wet >40 low slip potential (in accordance with HSE and UKSRG guidelines)

The slipperiness of flooring materials can change significantly, due to the installation process, after short periods of use, due to inappropriate maintenance, longer-term wear and/ or surface contaminants (wet or dry).

Textured systems are recommended to meet slip resistance value requirements for wet conditions and/ or surface contaminants (wet or dry) - please contact our Technical Advisors for further details and specifications.

Impact Resistance	ISO6272 1 kg weight > 1.8 metres 2 kg weight > 1.5 metres
Temperature Resistance	Softens over 70 °C, hardens on cooling.
Water Permeability	Nil – Karsten test (Impermeable).
Chemical Resistance	Contact Technical Department Good resistance to tea, coffee, cola, fruit juice, detergents and bleach. Note: for unsealed aggregates, some staining may occur in the natural stone.
Abrasion Resistance	Dependant upon aggregate selection. Use bauxite for heavier duty wear and vehicular traffic.
Bond Strength	Greater than cohesive strength of 25 N/mm <sup>2</sup> concrete. >1.5 MPa.

## Speed of Cure (for Deckshield SF)

	10 °C	20 °C	30 °C
Light traffic	30 hrs	16 hrs	10 hrs
Full traffic	36 hrs	24 hrs	16 hrs
Full chemical cure	12 days	7 days	5 days

## Aftercare - Cleaning and Maintenance

Sweep surface occasionally to remove loose stones.  
Use a power washer and mildly alkaline detergent to remove surface dirt.

## Important Notes

Flowcrete's products are guaranteed against defective materials and manufacture and are sold subject to its standard Terms and Conditions of Sale, copies of which can be obtained on request.

Any suggested practices or installation specifications for the composite floor or wall system (as opposed to individual product performance specifications) included in this communication (or any other) from Flowcrete UK Ltd constitute potential options only and do not constitute nor replace professional advice in such regard. Flowcrete UK Ltd recommends any customer seek independent advice from a qualified consultant prior to reaching any decision on design, installation or otherwise.

Model Specification written for Flowcrete UK Ltd.  
Please consult Technical Team in own country region for specific details.