

# Flake System

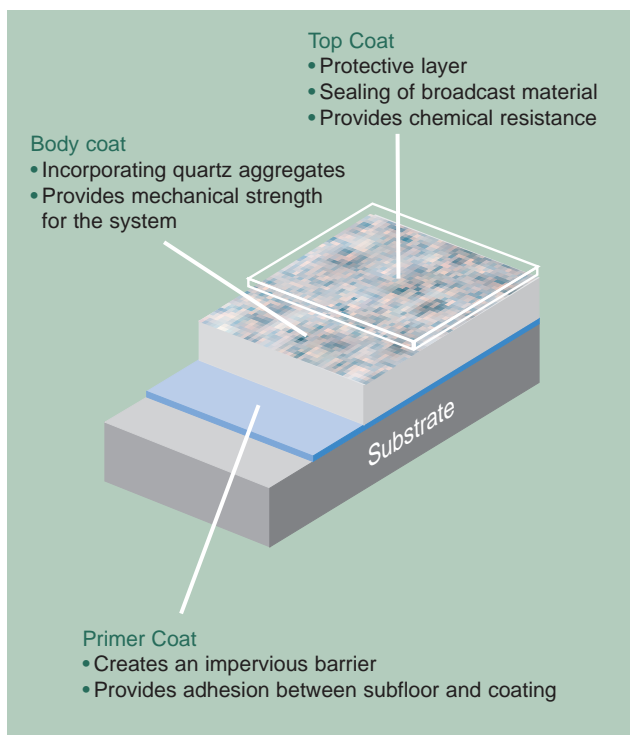
## Description

A highly decorative methyl methacrylate screed that can be installed rapidly. The flake finish can be aesthetically matched to existing floor finishes, including vinyl, terrazzo and ceramic tiles. This high performance system is used widely in retail, leisure and other public venues.

## Typical Installation Areas

- Retail
- Schools, colleges and universities
- Prisons and police stations
- Pubs and clubs
- Leisure venues
- Vehicle dealerships
- Hospitals

## System Overview



## Flake System Features & Benefits

- **Degafloor cures fully in 2 hours at temperatures down to -30°C.**  
Minimum downtime, rapid refurbishment, fast track new builds.
- **Creates a totally impervious surface without pinholes or air bubbles which can affect other resin systems.**  
Extremely hygienic, outstanding aesthetics and easy to clean.
- **Exceptional bond to existing subfloors and a chemical bond between layers creates a truly monolithic floor.**  
Durability, longevity, ability to overlay existing floors.
- **Exceptional resistance to UV light, weathering, physical and chemical attack.**  
Longevity, durability, 'fit for purpose'.
- **Tailored decorative finishes including UV reflective flakes and pearlescent particles.**  
Bespoke and innovative finishes that can be easily matched to vinyl sheet, terrazzo and ceramic tiles.
- **Elastic and does not shrink.**  
Resistant to cracking, minimal joints creating better detailing.

**Degafloor**®

Resin flooring systems for today's demanding world

## Specification

<b>Product Specification:</b> Degafloor® Flake System
<b>Substrate:</b>
<b>Colour:</b>
<b>Nominal Thickness:</b> 3-5mm Preparatory work and installation in accordance with supplier instructions
<b>Supplier:</b> Degafloor Ltd +44 (0)1778 342 545
<b>Installation:</b> By approved Degafloor installation partner

## Colour Range

All Degafloor flake finishes are bespoke. As such there is no standard colour range. Please call us to request a sample or if you would like us to match to an existing finish.

## Purpose

For use where a durable, smooth, highly decorative and seamless finish is required.

## Installation Service

All installations are carried out by Degafloor approved installation partners to ensure that the highest standards are maintained.

## Characteristic data of 4-5mm coating

Tensile Strength DIN EN ISO 527	18.0 MPa
Compressive Strength DIN EN ISO 604	48.0 MPa
Elongation at break (%) DIN EN ISO 527	2.3%
E modulus DIN EN ISO 527	2,120 MPa
Adhesion Test DIN EN ISO 4624 ZTV - SIB	>3.4 MPa
Impact Strength DIN EN ISO 6272	1.5 MPa
Temperature resistance	60°C
<sup>1</sup> FERFA type (BS 8204-6 s6.2)	5 or 7

<sup>1</sup>depending on thickness

## Health and Safety

All resins are manufactured to ISO 9001:2008, ISO 14001:2004 and BS OHSAS 18001:2007 standards and comply with all current EU hygiene of foodstuffs regulation.

All resins are non-toxic and certified to confirm physiological inoffensiveness.

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## Slip Test Results

The Flake System has been independently tested to BS 7976 using the TRL pendulum test method. A summary of the results are listed below:

Condition	PTV*
Dry	67
Wet	17

\*4s rubber

The Flake system also meets the **R10** (German ramp method) standard in dry conditions.

Wet performance of the flake system can be improved with the addition of glass beads within the seal coats.

To obtain a copy of the results please call our Technical Services Team.

## Technical Advice

For further information on any Degafloor product please call our Technical Services Team.

## Cleaning and Maintenance

The most efficient way of cleaning Degafloor systems would be to use a rotary scrubber dryer, with the facility to rinse and vacuum. To arrange a free demonstration please call our Technical Services Team.

## Warranty

All Degafloor warranties are bespoke and tailored for each installation. Our technical services team, in conjunction with our installation partners will agree with the customer a warranty for each project based on the specific installation environment.

## Disclaimer

Degafloor Ltd endeavour to ensure that all information and advice given is accurate and correct. However, the company cannot take responsibility for the selection of products for specific applications. Therefore any prospective customers should satisfy themselves that the product is suitable for the environment in which it will be installed.

Accordingly, Degafloor cannot take responsibility for the selection, by others, of a product unsuitable for the application.

The information detailed in this leaflet is liable to change without prior notification.

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