

# ESD System

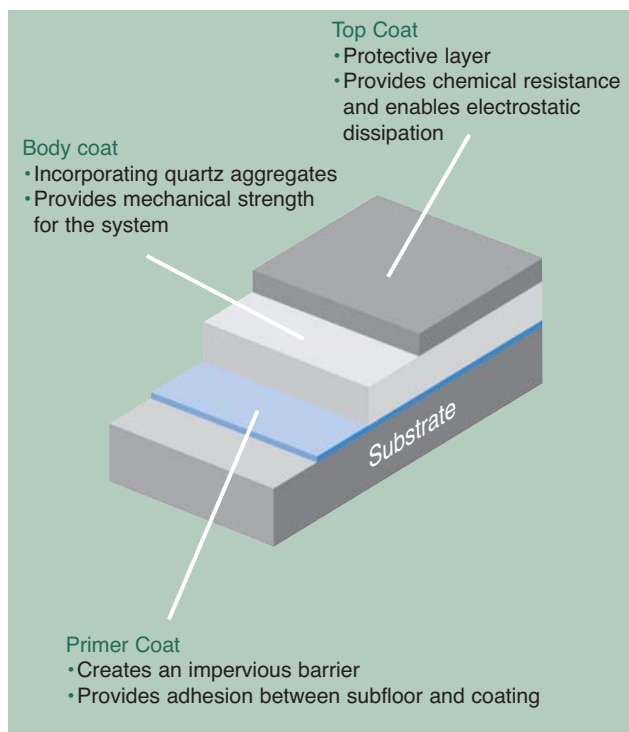
## Description

A heavy duty and electrostatic dissipative methyl methacrylate screed that can be installed with either a smooth or textured finish. Surface conductivity when measured in line with EN1081 falls within the range  $1 \times 10^6$  ohms to  $1 \times 10^8$  ohms.

## Typical Installation Areas

- Chemical and Pharmaceutical production
- Electronics factories
- Aircraft hangars
- MOD facilities
- Computer / server rooms
- Hospital operating theatres

## System Overview



## ESD 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 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 physical and chemical attack.**  
Longevity, durability, 'fit for purpose'.
- **Highly resistant to UV light, weathering and temperatures up to 80°C.**  
Capable of withstanding most industrial environments.
- **Elastic and does not shrink.**  
Resistant to cracking, minimal joints creating better detailing.
- **Smooth and slip resistant finishes available in bold and mono colours.**  
Safe, high definition finishes.

**Degafloor** 



Resin flooring systems for today's demanding world

## Specification

<b>Product Specification:</b> Degafloor® ESD 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

At present, there are 16 colours in the standard range, although we are continually adding more. Subject to lead time, we can provide almost any colour to complement any environment.

## Purpose

For use in areas where the build up of static electricity must be avoided.

## Installation Service

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

## Characteristic data of a 4-5mm coating

Surface resistivity	
EN 1081	1 x 10 <sup>6</sup> ohms - 1 x 10 <sup>8</sup> ohms
*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	
	Up to 80°C
<sup>1</sup> FERFA type (BS 8204-6 s6.2)	3, 5, 7

\*data based on a smooth finish

<sup>1</sup>depending on thickness

## Health and Safety

All resins are manufactured to DIN EN ISO 14001:1996 standards and comply with all current EU hygiene of foodstuffs legislation.

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

## 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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