

NATIONAL FLOORING
Floors For Industry



Product Guide

Supporting you from the ground up

Specialists in resin flooring...professionals in customer care.

A Deeper Understanding

At National Flooring we believe that having a direct focus on a concentrated product range enhances our knowledge and expertise within our field. It also helps to reinforce our position as industry leading specialists.

With extensive experience in the industry, National Flooring has carefully selected just three suppliers to offer a range of products that can provide a solution to almost every flooring requirement whatever the commercial or industrial sector.

At National Flooring we always work in partnership with our suppliers to continually improve and develop products. We recognise the importance of working with our suppliers to build and maintain relationships on firm foundations. In doing this we can guarantee quality assured products and companies that can be relied upon.

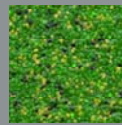
With so much pressure being placed on industries to maximise output, the time available to maintain, refurbish or repair floors is rapidly diminishing.

At National Flooring we recognise the value of returning floors back to full use and have chosen to specialise in the installation of MMA resins.

Degafloor® MMA Products

The Degafloor® product range was developed in conjunction with Evonik AG (formerly known as Degussa AG), the world's largest supplier of MMA resins for the flooring industry. Evonik AG manufacture 90%+ of performance critical components and have extensive research and development facilities. Degafloor is dedicated solely to the development of MMA resins to continually enhance and expand their current range. Degafloor® MMA resins offer valuable benefits including;

- 2-hour cure time - All systems are cured fully, both physically and chemically, 2 hours after installation.
- Exceptional bond to concrete, steel, tiles and marine ply.
- Unique chemical bond between layers - providing a monolithic finish.
- Seamless and impermeable - creating a hygienic finish.
- Bespoke, tailored decorative and slip resistant finishes.
- Outstanding durability and resistance to physical and chemical attack.
- Highly resistant to UV light, weathering and temperatures up to 80°C.
- Cures in temperatures down to -30°C.



Degafloor® QT & QTA System: Quartz Trowelled System

A heavy-duty quartz trowelled methyl methacrylate screed typically laid at 4-6mm. QT has an orange peel finish, whilst QTA has a slip resistant finish created through the broadcasting of quartz aggregates. There are 9 standard colour mixes within our current range, however unique colours and colour mixes can be supplied on request.

Typical installation areas

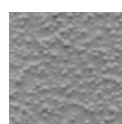
- Food & beverage production.
- Warehousing and distribution facilities.
- Kitchens.
- Pubs and clubs.



Having worked with all the major resin and cementitious types of flooring systems our knowledge of the technologies is truly unrivalled.

High Temperature and Solvent Based Areas

We are aware there are circumstances where MMA resin floors are not advisable particularly for areas where the environment requires a flooring solution that can withstand consistent exposure to temperatures in excess of 80°C or where solvents are in frequent use. In these environments we would recommend and install a polyurethane based system.



Polyurethane (Heavy Duty) System

A trowel applied, heavy-duty Polyurethane resin laid 6-9mm. The system has excellent chemical resistance and at 9mm thick can withstand temperatures up to 120°C.



Degafloor® FB System: Full Broadcast System

A heavy-duty methyl methacrylate screed with an outstanding slip resistant finish, created through the broadcasting of quartz aggregate. This system is designed for any heavy-duty areas and will remain slip resistant under the most testing of operating conditions. There are 9 standard colour mixes within our current range, however unique colours and colour mixes can be supplied on request.

Typical installation areas

- Food & beverage production.
- Arenas and sports stadia.
- Commercial kitchens.
- Manufacturing and engineering.



Degafloor® Flake System: Decorative Flake System

A highly decorative methyl methacrylate screed that can be installed rapidly. The flake finish can be matched to existing floor finishes, including vinyl, terrazzo and ceramic tiles. This high performance, attractive system is used widely in retail, leisure and other public venues. The system provides an almost endless range of finishes that can be tailored to suit requirements. For areas that require aesthetic appeal with a higher degree of slip resistance we recommend our Glass Bead System. Glass beads are incorporated into the seal coat, offering enhanced slip resistance, under wet conditions, without compromising the finish.

Typical installation areas

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



Degafloor® F System: Freeflow System

A self-levelling methyl methacrylate resin and fine quartz aggregate screed with a smooth finish, pigmented to create a solid and stable colour. The F system can be used to create bold colours that differentiate and show demarcation between areas. There are 19 standard colours within our current range, however alternative colours can be sourced subject to notice.

Typical installation areas

- Chemical and pharmaceutical production.
- Manufacturing areas.
- Warehouses.



Degafloor® S System: Seal System

A decorative concrete seal system used to create a chemical and scratch resistant dust seal for new and existing concrete floors. A slip resistant finish can be achieved through the broadcasting of quartz aggregate. There are 19 standard colours within our current range, however alternative colours can be sourced subject to notice.

Typical installation areas

- Warehousing and distribution.
- Light production areas.

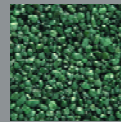


Degafloor® ESD System: Electrostatic Dissipative System

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 of 1 x 10⁶ ohms to 1 x 10⁸ ohms. There are 19 standard colours within our current range, however alternative colours can be sourced subject to notice.

Typical installation areas

- Chemical and pharmaceutical production.
- Electronics factories.
- Laboratories.
- Hospital operating theatres.



Degafloor® Stone Carpet Range

An attractive system encapsulating natural and coloured aggregates or marble chips in a clear resin matrix. The system is available in 7 standard colours and can be used externally or internally.

Typical installation areas

- External walkways.
- Retail.



Degafloor® Firesafe (Class o) System: Fire Resistant System

A heavy-duty methyl methacrylate screed that complies with BS 476 (parts 6 & 7), achieving an overall rating of Class o. The product also complies with the 4-Rail toxicity test for the rail industry. The system is currently available in 2 colours.

Typical installation areas

- Railway stations, airports and bus terminals.
- Plant rooms.
- Prisons.
- Underground rail systems.

Degafloor® CR System: Concrete Repair System

Concrete repair system. Rapid curing resin designed specifically to fill holes and other areas of localised damage.



Infill and Underlay Screeds

The National Flooring Company can also supply and install fast curing underlay screeds that provide a cost effective solution for uneven or damaged floors requiring infill or an underlay screed to form falls. In these circumstances we recommend the installation of Acropol.

Acropol has been used over the years in many industrial areas where the concrete sub-floor has been badly damaged and needs resurfacing. Acropol can be laid as thin as 10mm and will provide an extremely hard wearing finish for heavy trafficked areas.

Complementary Products

In addition to our full range of resin flooring solutions, we can supply the following:

- Stainless steel drainage solutions.
- Solutions to cleaning needs.
- All other finishing materials for creating a high quality installation, including stair nosings and coving.

Due to variations in printing technology, we are unable to guarantee that the colours shown will correspond with the actual colour of the finished floor. Please contact us to request a sample which will provide a true colour match.

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



www.nationalflooring.co.uk



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