



DEGA FLOOR > NZ

DEGADUR®

Solutions for industrial and commercial resin floor construction.



Fast curing resin systems for today's demanding world.

www.degafloor.nz

WHY DEGADUR®?

The benefits of using DEGADUR® are driven by its sheer physical properties. DEGADUR® is a resin rich flooring solution made of 100% solids that cure without the pores or pinholes commonly found in other “seamless” systems. It is solvent-free, physiologically inoffensive and NZ AsureQuality approved for use in food critical and CIP areas. It has the fastest curing time, highest-rated inter-layer adhesion value and can successfully be installed down to -30°C.

CURE-TIME

DEGADUR® Floors reach full cure in just two hours! When contemplating the “real” costs of production downtime due to flooring maintenance, the four primary considerations are:

1. Total costs to be incurred
2. When is the best time to schedule the work?
3. How much down time can honestly be expected?
4. What will that down time cost in terms of lost revenue?

DEGADUR® Flooring allows you to answer these queries with confidence, accuracy, and absolute minimal downtime.

SUPERIOR BOND

On concrete, DEGADUR's low-viscosity, solvent-free acrylic primer penetrates deeply for a superior bond. As the pores and capillaries of the concrete are filled, the concrete surface is strengthened, and the base adhesion is greatly increased. Bond tests performed properly, will render

it virtually impossible to separate the primer from the substrate. In most cases, the DEGADUR® primer will create such a tenacious bond that it will actually shear the aggregate from the concrete before breaking at the bond line.

RESIN-RICH SOLID FLOORS

DEGADUR® floors contain approximately three and a half times as much resin as trowel-on epoxy floors. The impervious nature of DEGADUR® provides superior

resistance to caustics, proteins, sugars, acids, oils and fats as well as the creation of a completely waterproof environment.



Coastlands Aquatic Center



Countdown, Ponsonby

SUB-ZERO INSTALLATION

The resin used in the design of DEGADUR® Flooring allows for installations down to -30°C with cure times still approximately two hours. Epoxies and polyurethanes generally cannot be installed below $+5^{\circ}\text{C}$.

The “true” cost of installing floors in coolers and freezers must consider the added expense of heating the cooler up, the

removal and storage of all perishable items and the cost bringing the unit back down to the necessary temperature. It has been estimated that the “true” cost of using DEGADUR® Flooring in this scenario will be seven to ten times less than with a conventional resin flooring system.

ANTI-MICROBIAL PROPERTIES

DEGADUR® resin contains anti-microbial properties by default. An independent study at the highly regarded ISEGA Laboratories, Germany showed contact with DEGADUR® decreased Staph and E. Coli bacteria by 90,000 and 70,000 times respectively over

a 24-hour period. This, along with New Zealand’s own AsureQuality Certificate of approval for use in food-critical and CIP areas, ensures a safe product for a safety-conscious environment.

FUTURE-PROOF

The inter-layer bonds of traditional resin systems (i.e. epoxy or polyurethane) are mechanical bonds whereby they “stick” together. The bonding properties of DEGADUR’s layers are chemical. As a thermoplastic resin, the chemical bond effectively “fuses” each layer to the layer beneath it making it one body. This

guaranteed bond affords yet another advantage: it is the only flooring system available that does not require mechanical abrasion (i.e. grinding and sanding) between coats or for the purpose of maintenance and replacement. This results in savings of both time and money years down the track.

PROVEN

DEGADUR® resins are manufactured in Germany and have been used globally for more than 50 years. It has proven to be at the pinnacle of specialist resin flooring solutions and is regarded for its longevity,

durability and extremely low maintenance costs.

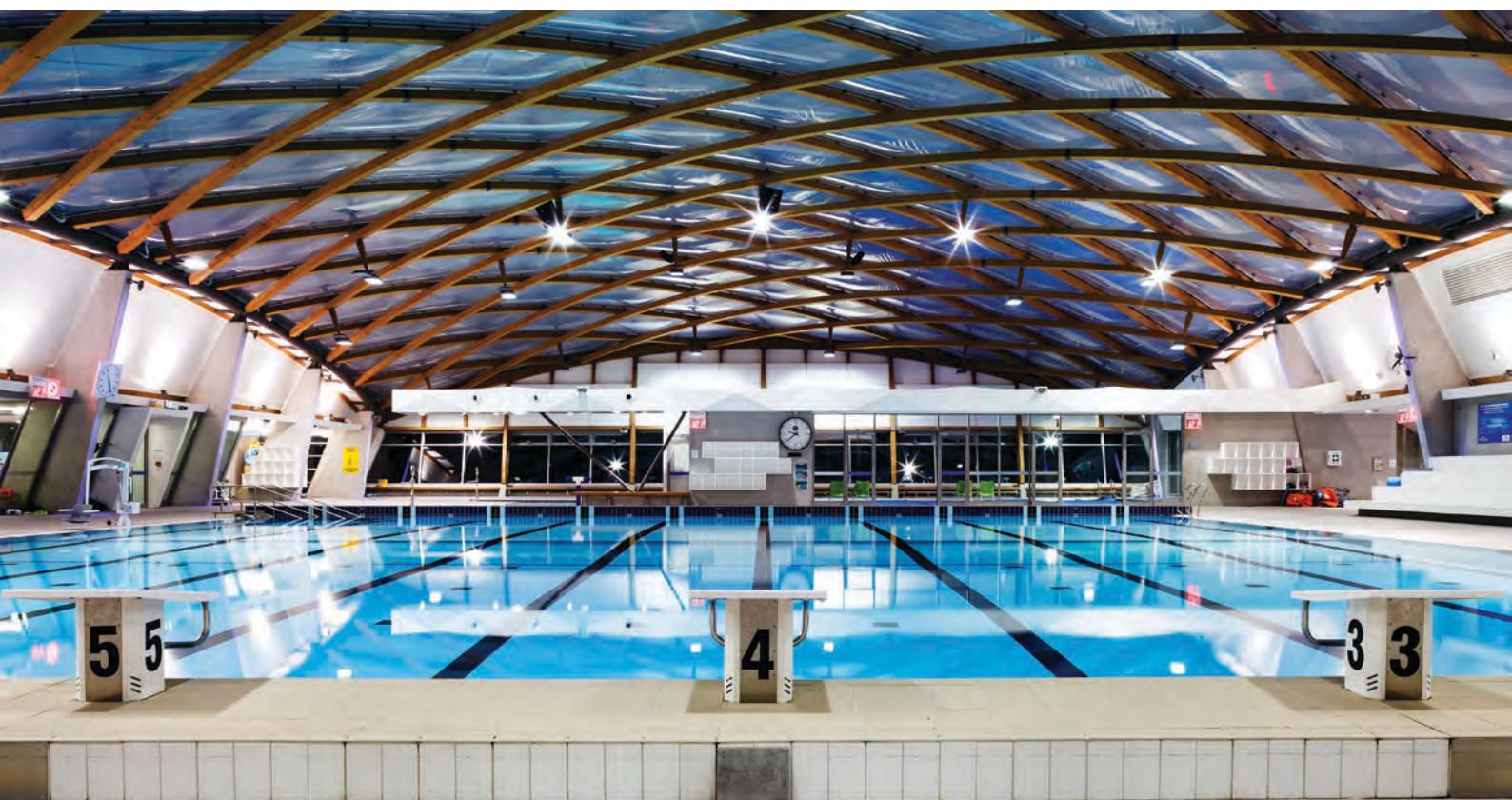
For more information on DEGADUR® Resin Flooring visit www.degafloor.nz or contact us on (06) 367-9799.

DEGADUR® 420 | 526

FUNCTIONAL SYSTEMS FOR WET AREAS

Wet surfaces are one of many health and safety challenges facing Aquatic Centres. **Degafloor NZ's** safety flooring solutions are designed specifically for wet area applications, and their effectiveness has been proven by our satisfied clients.

Combining 420 and 526 resins with premium quartz aggregate produces a highly durable coating. Add in the ability to tailor the slip resistance factor up to R13, and our **DEGADUR®** solutions are perfect for everything from the entrance lobby, concourse floors and walkways through to changing rooms.



Coastland Aquatic Center



Makino Aquatic Center



Makino Aquatic Center

DEGADUR® 332 | 420 | 430 | 526 | 527 | 530

FUNCTIONAL SYSTEMS FOR THE FOOD & BEVERAGE INDUSTRY



Anti-Slip: wet or greasy environments

DEGADUR® 420, sealed with **DEGADUR® 526** is particularly appropriate for easy-to-clean, non-slip and hygienic surfaces in interior areas. **DEGADUR® 526** is typified by its high wear-resistance and excellent resistance to hot water and grease.

DEGADUR® resins are impervious to liquids, non-absorbent, easily cleanable and non-toxic, meeting the requirements of food grade materials. The industry-leading rapid curing times mean installation or refurbishment times are kept to an absolute minimum, giving you a fast return to service.

Decorative systems for dry areas

The **DEGADUR® 420 | 527** system is especially appropriate where a smooth easy to clean decorative floor is required, for dry areas. The system is an excellent alternative to sheet vinyl products offering a service life typically two to three times that of sheet vinyl, all at a similar cost with the added advantage of being 100% seamless.



Heavy Duty: Chillers & Freezers

DEGADUR® 332 & 430 are elasticized resins perfect for use in chillers and freezers. When sealed with **DEGADUR® 530** it creates a highly robust, hygienic surface capable of tolerating extreme temperatures while offering industry best durability.

A unique property of **DEGADUR®** is its ability to cure in temperatures as low as minus 30° Celsius. There is no better solution for a freezer or chiller install.

DEGADUR® 420 | 526 | 527

FUNCTIONAL SYSTEMS FOR HYGIENE FACILITIES

Easy to clean hygienic surfaces

DEGADUR® 420 and 526 or 527, sealers are the perfect solution for easy-to-clean, naturally anti-microbial surfaces in either an anti-slip or smooth finish.

DEGADUR® MMA resins achieve full cure in just 2 hours and are capable of foot traffic in 1 hour after final application making them the No.1 choice for refurbishment projects where a rapid return to service is paramount.



Fraser Park Sportville



Mount Roskill Firestation

Industrial, Automotive, Marine

Our range includes semi-flexible coatings that adhere to steel and metallic substrates, delivering perfect solutions for the widest range of working spaces. As well as providing outstanding durability, they are also resistant to chemical attack, impervious to water and highly slip resistant. They can tolerate contaminants, wet environments, and rapid temperature changes. They stand up to foot and vehicle traffic, and easily support heavy equipment.

Exterior, UV Stable

DEGADUR® Traffic system.

Liquid Plexiglas® derived resins have outstanding UV stability, rapid cure times and offer flexibility under compression and tension. They are ideal as coatings and repair solutions in exterior environments and public spaces.

DEGADUR® 332 and 530 are designed for use on flexible substrates where a friction surface is required. Added to their excellent tolerance to UV light, they are the perfect choice for balconies and public walkways.



Beach Point Apartments, Ohope

DEGADUR® POTHOLE REPAIR SYSTEMS

COLD APPLIED, PERMANENT POTHOLE REPAIR SYSTEMS

From this...

Other cold applied repair kits are



...to this.

The **DEGAROUTE®** (PRS) Pothole Repair System by Degafloor NZ is a cold applied MMA repair resin, specially formulated for rapid repair on asphalt surfaces.

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