

Nuplex Resin Floors

- advantages over tiling

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Nuplex have a broad range of Industrial floor toppings suitable for and used widely in restaurant kitchens, and the food industry in New Zealand.

- Sureshield
- Industrial Terrazzite
- Decorative Terrazzite
- Supascreed Epoxy
- Surecote 500AR Epoxy
- Nuthane Polyurethane
- Surechem VE Vinyl Ester

Why are these suitable industry products? The floor toppings above are microbial neutral (ie they don't promote mould growth).

Advantages of Sureshield over Tiling in commercial kitchens

	Sureshield	Tiling
Seamless	No seams (excepting concrete control joints)	Many grout joints
Hygienic	Fully bonded, no space underneath flooring . No smells during life.	Tile adhesive mix is variable often weak and porous. Tiles break or fall out. Smells may develop from liquids getting into grout and tile bed over time.
Impact resistant	Able to resist many impacts.	Brittle. Will break on impact; particularly if tiles are poorly boned.
Non-slip	Non-slip but can create smooth surfaces in specific areas to aid cleanability; eg coves.	
Colours	Many colours created on site.	Colours of tiles
Will form coves	Seamless coves to required height for compliance, cleanability and hygiene.	Need specific tiles
Will form drains	Can create smooth falls to drains and smooth drains.	Drains are a weak point, many grout lines
Cleanability	Able to be waterblasted and washed with chemicals in any way.	Cleaning may erode grout lines. Water blasting will expose weakly bonded tiles.
Bonding	Fully bonded to concrete*	The tile adhesive is in trowel marks and is often porous. often poorly boned.
Fall to drains	Can control the fall to drains resulting in a dry floor.	Diffult except with a screed. (this screed is often porous, which creates health issues; and smells.)
Cost	May be more expensive in small areas.	Cheaper but often poorly installed by untrained contractors
installation	Trained installers.	Anybody does this with widely variable results. Often tiles are not 100% bonded.

- Concrete must be standard, well-formed concrete.

For hygiene, these toppings may be:

- Waterblasted
- Aggressively chemically cleaned; CIP processes.
- Hypochlorite treated and / or Quaternary amine compound treated.



These Floor Toppings are manufactured in New Zealand by Nuplex Construction Products.

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