

# Technical Data Sheet

## Resin Floors v Tiling



allnex have a broad range of industrial floor toppings suitable for and used widely throughout Australasia in retail kitchen and food process environments, we are often asked for a comparison between resin floor toppings v tiles.

Resin Floor Topping Options;

**Sureshield, Decorative Terrazzite, Supascreed Epoxy, Nuthane Polyurethane, Surechem VE Vinyl Ester**

	Resin Flooring	Tiling
Seamless	No seams ( excepting concrete control joints)	Many grout joints
Hygienic	Fully impervious surface Fully bonded, No voids to allow bacterial growth No smells, from cured system or adhesive Systems contain biocides to inhibit fungi growth for the life of the floor	Tiles break or fall out. Tile adhesive mix is variable often weak and porous. Smells may develop from liquids getting into grout and tile adhesive over time.
Impact Resistant	Able to resist high impact, the shock is dissipated into the substrate due to the monolithic nature of the install.	Brittle. Will break or crack easily on impact; particularly if tiles are poorly boned.
Non-slip	Can be installed with a variable surface finish, non-slip or smooth. Non-slip surface dressings can be renewed easily	Non-slip or smooth Cannot be resealed, maintained, renewed, need to replace tiles.
Colours	Many colours created on site.	Colours of tiles
Horizontal & Vertical Options	Resin toppings can be applied horizontally and vertically. Seamless coves can be applied to variable height to meet client compliance, cleanability and hygiene.	Need specific cove radius tiles, which are generally all one size.
Will form drains	Can be used to seamlessly line drains for maximum chemical protection.	Can be used in drains however the drains can become a weak point due to the many grout lines
Cleanability	Able to be water blasted and washed with chemicals.	Cleaning can erode grout lines, leading to substrate bacterial growth and impossible thorough cleaning. Water blasting will expose weakly bonded tiles, leading to tiles lifting. Porous grout has to be cleaned or replaced regularly
Fall to drains	Can control the fall of liquids to drains resulting in a dry floor.	Difficult except with a prefill screed. (this screed is often porous, which creates the hygiene issues; and smells.)
Cost	May be more expensive in small areas. Lower maintained and life cycle costs	Cheaper but often higher maintenance and life cycle costs

For further advice or information do not hesitate to contact the allnex technical team.

Free Ph: 0508 88 22 88  
E-mail: [cs.constructionnz@allnex.com](mailto:cs.constructionnz@allnex.com)  
Website: [www.allnexconstruction.com](http://www.allnexconstruction.com)

**Date: Aug 2019**  
**Replaces July 2015**

**Allnex Construction Products, a Division of Allnex New Zealand Ltd**  
Auckland - 14 Industry Road Penrose phone: 095836544. Hamilton - 18 Somerset Street Frankton phone: 07-847-8658  
Wellington - 19A Jamaica Drive Grenada North phone: 04-240-0305. Christchurch - 112 Carlyle Street Sydenham phone: 03-366-6802  
Customer Service: 0508-882-288 [cs.constructionnz@allnex.com](mailto:cs.constructionnz@allnex.com)  
[www.allnexconstruction.com](http://www.allnexconstruction.com)

The logo for allnex, featuring the word "allnex" in a bold, lowercase, sans-serif font. The letters "a", "l", "l", "n", and "e" are in a dark blue color, while the "x" is in a lighter blue. Above the "x" are three horizontal bars in purple, red, and green.

**DISCLAIMER:** This information appearing in this Document (**Details**) concerning the product which is the subject of the Document (**Product**) is either based on present technical knowledge and tests done by allnex or tests done by, and data supplied from third parties including you, the customer. Since the actual use by you and by others of the Product is beyond the control of allnex, no warranty or representation, express or implied is made by allnex regarding the suitability for such use, nor does allnex accept any liability arising out of the use by you of other products or materials, whether third party or not, that may be referred to in this Document. allnex recommends that you carry out your own tests as to the suitability of the Product for your purpose, regarding which you accept full responsibility. In addition, if any of the Details appearing in the Document are based upon tests done by, and/or data supplied by any third party, allnex provides no warranties or representations in connection with those Details and you, the customer waives any right you may have against allnex in connection with the accuracy, completeness or otherwise of the Details. The information in this Document is not to be construed as absolutely complete or accurate since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations affecting use of the Product. allnex does not provide any warranty or representation to you that the Product does not infringe the intellectual property rights of any third party. All orders accepted shall be subject to the standard conditions of sale of allnex which are on the back of our invoice. In accepting the Product you, the customer acknowledge and agree: **a.)** The Product is or may be of a hazardous nature and that you, the customer, are responsible for the disposal of the container housing the Product in accordance with the requirements and regulations of the relevant supervising government. **b.)** The Product has a limited shelf life and must be stored strictly in accordance with the guidelines and specifications related to it. **c.)** Where the Details relate to Product tested by allnex, those Details are indicative only, regarding which there may be batch to batch variation. **d.)** allnex gives no warranty or representation as to the applicability for the particular use by you, the customer, of the Product and you the customer shall be responsible for ensuring that the Product is fit for your intended use. **e.)** allnex's liability for breach of any term, condition, guarantee or warranty (express or implied and concerning the information in this Document or the Product more generally) including any liability for direct or indirect consequential loss (including indirect loss of profits), is limited to the maximum extent permitted by law and, at allnex's election, to either replacing or repairing the goods or paying the cost of replacing or repairing the goods, or in the case of services, supplying the services again.

©2018 allnex Group. All Rights Reserved.