

ProGuard™ Texture

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- Shopping centres, Supermarkets, Superstores, High Rise Buildings
- Pre-cast Buildings



- Patented Concrete Coating

Decorative Textured Coating for Concrete

- Single process application
- Extends the life of concrete assets
- Permanent anti-graffiti protection

ProGuard Texture Series is a single coat textured decorative coating for indoor or outdoor application. Available in a range of profiles the coating exhibits high abrasion resistance, high chemical resistance, permanent anti-graffiti and self-cleaning functionalities. The coating provides excellent long-term protection against concrete cancer and corrosion, permanent anti-graffiti function whereby environmentally friendly citrus cleaners can be used to effortlessly remove repeated graffiti attacks.

Features include:

- One coat application process (no priming)
- Exceptionally strong bond with concrete
- Excellent hiding characteristics on both concrete and old coatings
- High weather resistance
- UV stable
- Stable against salt spray
- Excellent carbon dioxide resistance
- Excellent water vapour diffusivity
- Hydrophobic, self-cleaning surface
- Excellent barrier to water ingress
- Excellent barrier to chloride ions
- Excellent anti-graffiti performance
- 10 year warranty



Feature	ProGuard™	Typical Competitor
Number of coats	1	3-4
Difficulty to prepare steps concrete for coating	One step (high pressure clean only). No priming	Multiple
Risk of defective application	Very Low	Medium
Easy to clean property	•••••	•
Pollution Removal	•••••	•
Solvent / chemical resistance	•••••	None
Bond strength with substrate	•••••	•
Anti-graffiti performance	•••••	•

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CREATED USING NANOTECHNOLOGY



When evaluating suitable coating systems the following requirements should be met:

- **The product must be able to be fully approved by Vic Roads as an Permanent Anti Graffiti Coating (per section 685).**
- The product must be able to be applied directly to concrete without priming as a single coat.
- The product must be able to be applied to damp concrete
- The product must be able to be applied down to 3°C and up to 95% R.H.
- The product must be able to be achieve pull-off adhesion on concrete of >3.5 MPa (cohesive failure of concrete)

Independent Test Results by SGS Australia:

- **Initial Surface Absorption Test (ISAT : BS1881:Part 208: 1996):** No measurable water flow
- **Durability:** This specification provides for a product that maintains coating integrity as described in the table below after QUV / Condensation cyclic exposure to 3000 hrs in accordance with ASTM D4587.

Australian Standard	Description	Percentage (%)	Scale (0 - 5), 0 being best
AS 1580.481.1.2:1998	Discolouration on Pure White	~5	0 - 1
AS 1580.481.1.3:1998	Degree of Dirt Collection	0	0
AS 1580.481.1.4:1998	Degree of Dirt Retention	0	0
AS 1580.481.1.7:1998	Degree of Checking	0	0
AS 1580.481.1.5:1999 (clause 7.2)	Change in Gloss (Visual)	80	4
AS 1580.481.1.8:1998	Degree of Cracking	0	0
AS 1580.481.1.9:1998	Degree of Blistering	0	0
AS 1580.481.1.10:1998	Degree of Flaking & Peeling	0	0
AS 1580.481.1.11:1998	Degree of Chalking	0	0
AS 1580.481.1.12:1998	Degree of Colour Change on Pure White	~5	0 - 1

- The total VOC for ProGuard Tex 1000, 2000 and 3000 Series is 66.57 g/L.

Applicator Pre-requisites:

Must be applied by Nanokote accredited applicator. Please contact Nanokote Pty Ltd.

The information in this data sheet is based on the current status of technical development as well as experience with the product. However, given the variety of surfaces and ambient conditions, the information provided on this data sheet shall in no way diminish the responsibility of the user to ensure with due care, that our product is suited for the intended purpose, surface and application conditions. Note in particular, that we accept no liability in cases where we have not explicitly stated application purposes and types of use. This data sheet will be superseded by any later version released. As at 06/11.

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