

Client:	Quik'n Tuff Systems Pty Ltd PO Box 6249 Accia Ridge 4110	Specification:	
Project:		Reference No:	Q76303
Item:	Walls	Date:	2004
Colour:		Issued by:	Ken Gallimore
Substrate:	Quik'n Tuff Panels		
Int/Ext:	Exterior		
New work/Repaint:	New Work		
Surface Preparation:	Special Comments		

Quik'n Tuff Panels must be installed as per instructions and specifications of the manufacturer. The surface must be clean, dry and free from all dirt, dust, grease, oil and any other surface contamination. Apply Armawall Render Coat in two wet layers, bedding in fibreglass mesh between the layers. Armawall Render Coat must be mixed with Armawall Render Bond in the gauging water as per instructions in the data sheet.

Taubmans Coating System	Data Sheet	Application Method*	Spreading rate up to m ² /l**	Dry film thickness micrometre	Reducer wash up	Recoat time in hours
First Coat Armawall Render Coat	D233	Trowel		4mm	Water	
Second Coat Armawall Render Coat	D233	Trowel		4mm	Water	96
Third Coat Selected Coating System						

*Application Method: AS - Airless spray, B - Brush, S - Spray, R - Roller, T - Trowel, TR - Texture Roller

**The coverage figure quoted does not include allowance for wastage. A suitable allowance should be made according to type of work and method of application.

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Compiled By: Ken Gallimore

Approved By: 

ARMAWALL RENDER COAT

Description: A pre-blended cement render supplied in 20 Kg paper sacks. Requires the addition of clean water and mixing immediately before application.

Uses: Exterior rendering, to be used as a cement render over all common building substrates. AAC panel and block, brick and blockwork, Off-form concrete and Tilt-slab construction. Do not apply to fibrous cement or previously painted surfaces.

Features and benefits

<i>Features</i>	<i>Benefits</i>
Formulation	Easy to apply coating, between 4 mm to 12 mm thick
Pre-Mixed to Exact Specifications	Assures consistency of quality and product mixture
Adhesion and Flexibility	By the addition of Armawall Render-Bond additive, a more flexible render with stronger bonding to substrate is achieved
Extensive Case History	Proven performance in all climates

Technical data

Colour:	Off White
Profile:	Smooth
Dry Film Thickness:	4 mm to 12 mm
Spread Rate:	1.5 Kg / m ² / 1 mm average thickness (Approx)
Drying Time:	Armawall Render Coat 2 to 4 Days Note: This may be lengthened in damp, cold or humid conditions. Under normal conditions application of Taubmans painting or Armawall Texture systems may be commenced 2 days after render is applied.
Packaging:	20 Kg plastic membrane lined multi walled paper sack
Storage & Handling:	Must be kept dry during transport and storage
Shelf life:	Storage shelf life 6 months

Resistance properties

Weathering:	Excellent when used as part of an approved Taubmans Acrylic Membrane or Armawall texture system
Heat:	Excellent
Water:	Excellent
Abrasion:	Good

Surface preparation

Armawall Render Coat should only be used over sound masonry surfaces.

All surfaces must be clean and free from dirt, dust, oil, grease, silicone or loose materials, Off form concrete should be thoroughly cleaned by acid etching, water or sand blasting to ensure all bond breaker oils are removed before application.

Difficult substrates such as smooth dense concrete or highly absorbent surfaces should be treated with a "key" coat prior to the application of the render.

Surface should be wet down before application.

Application may proceed once the "shine" is off the wall.

Application data

Stirring:	<p>Armawall Render-Bond is added to the gauging water at the rate of 10% (2 litres Render-Bond with 18 litres of water in a 20 litre pail).</p> <p>Armawall Render Coat is mixed with gauging water whilst being stirred vigorously, preferably with a mechanical stirrer, until a trowelable consistency is reached. The mix is left to stand for approximately 5 minutes before adjusting consistency if required.</p>
Application:	<p>Surface must be wet down before application.</p> <p>This product is applied with a hawk and steel trowel. Use a wooden or sponge float to achieve the desired finish.</p> <p>Good plastering practices must be adhered to i.e curing of finished work and the provision of expansion joints.</p>
Curing:	<p>Regular rewetting with water for several days after application in hot or windy conditions will assist curing.</p>
Temperature:	<p>Avoid application in strong winds or when temperatures is below 10°C and above 35°C.</p>
Clean up:	<p>Water, away from drains and watercourses (before curing).</p>

Health and safety

MSDS:	<p>Contact Taubmans Customer Care on 131 686 for the Material Safety Data Sheet for this product.</p>
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ARMAWALL RENDER-BOND

Description: This product is 100% acrylic bonding agent, for adding to a cement mixture for cement render and concrete mixtures. Supplied in a liquid state of white/milky appearance that is ready for use.

Uses: This product is applied to all commonly used masonry substrates to either control excessive surface suction or to act as a bonding agent to very low absorbent surfaces.

Characteristics

Armawall Render-Bond increases the tensile strength, flexibility and impact resistance of the mixture of Armawall Render Coat and Skimcote, when added to these products. It will reduce the absorption of the mixture or the substrate, to act as a suction modifier.

Features and benefits

<i>Features</i>	<i>Benefits</i>
Bonding agent	This product will achieve reduced curing time, increased strength and impact resistance and prevent any likelihood of drummy cement render particularly when is part of a "Dash or Splash Coat" mixture.
Suitable for all concrete surfaces	Typical uses on Off Form Concrete (low absorption surfaces), High Absorbency Surfaces (to control excessive suction) or to be used as part of a "Dash or Splash Coat" mixture.
Flexibility	Workability of the mixture and reduced shrinkage allows Armawall Render Coat to be used for feather edging and for sealing of crumbly surfaces before cement rendering.
Water Resistance	Increases the water resistance/ repellent and reducing the risk of efflorescence or rising damp.
Extensive Case History	Proven performance in all climates.

Technical data

Classification:	Acrylic bonding agent
Application:	As an Armawall Render Coat mixture additive
Colour:	White/Milky Liquid
Finish:	Dry clear gloss
Component:	One
Solids by volume:	43.8 %
Flash point:	Non flammable
Thinners:	Water

Clean up: Water
Odour: Low
Shelf life: 12 months minimum

Resistance properties

Weathering: Excellent for use as part of an approved Taubmans Armawall texture system
Water: Excellent
Abrasion: When forming part of the Armawall Render Coat mixture good impact resistance will be achieved

Application data

Stirring: Stir Armawall Render-Bond before use.
Application: This product is an additive and is added to the mixture of Armawall Render Coat and Water.
Temperature: Avoid application when temperatures are below 5°C and above 35°C. Do not allow to freeze.
Clean up: Water, away from drains and watercourses.

Mixing rates

Standard Mixing Procedure

1. Make a gauging water by mixing clean water together with Armawall Render-Bond in a 20 litre container to the requirements as specified below.
2. Mix approximately 4 litres of gauging water to 20 Kg Armawall Render Coat to a consistent slurry.

Standard Application Mixing

Application	Gauging Water Mix For A 20 Litre Container
2-4 mm render	16 litre of clean water mixed with 4 litres of Render-Bond Note: Gauging mixture will vary dependent on the type of substrate
4-6 mm render	18 litre of clean water mixed with 2 litres of Render-Bond
Off-form concrete bonding agent	10 litre of clean water mixed with 10 litre of Render-Bond (low absorption surfaces)
"Dash or Splash Coat"	15 litre of clean water mixed with 5 litre of Render-Bond

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ARMAWALL SAND

Description: A heavy duty acrylic roller applied texture finish with fine aggregates.
Uses: Exterior cement render, concrete, fibrous cement sheeting, bricks and blockwork.

Features and benefits

<i>Feature</i>	<i>Benefit</i>
Flexible	Copes with normal substrate movements
Contains aggregates	Hides minor surface defects

Technical data

Colour:	Available in a wide range of colours
Profile:	Medium
Spread Rate:	2m ² /litre
Drying Time:	Armawall Primer 2 Hours Armawall Sand 4 Hours (7 days full curing) Note: This may be lengthened in damp, cold or humid conditions. Do not apply at temperatures below 10°C
Odour:	Low

Resistance properties

Weathering:	Excellent when used as part of an approved Taubmans Armawall texture system
Water:	Excellent
Abrasion:	Good

Surface preparation

New cement render, masonry and concrete surfaces should be allowed to cure for 28 days. Off form concrete should be thoroughly cleaned by acid etching, water or sand blasting to ensure all bond breaker oils are removed. All masonry surfaces should be primed with Armawall Primer (thinned 50-100% with water) prior to the application of Armawall Sand. Seal tilt slab concrete and CFC with Armawall Sealer/Bonder thinned 50% with GTA007 to ensure adhesion of topcoats.

Previously painted surfaces in sound condition should be scrubbed down with detergent and fresh water, fresh water washed and allowed to dry.

Previously painted enamel surfaces should be undercoated with Taubmans Tradecoat.

Surface irregularities such as blow holes and profile defects may require patching with Armawall Filler or Patch prior to system application

Application data

Stirring:	Stir Armawall Sand prior to use
Application:	Armawall Sand should be applied in two coats using a texture roller. A black mesh roller will provide a medium profile or a spaghetti roller will provide a high profile
Temperature:	Avoid application when temperature is below 10°C and above 35°C
Clean up:	Water, away from drains and watercourses

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ARMAWALL MEDITERRANEAN

Description: A tough acrylic texture coating that produces a roughened, render-like effect

Uses: Exterior cement render, concrete, fibrous cement sheeting, AAC panels and blocks, bricks and blockwork

Features and benefits

<i>Feature</i>	<i>Benefit</i>
Matt Finish	Contemporary finish that minimises surface imperfections
Durable	Excellent weatherproofing and impact resistance
Flexible	Copes with normal substrate movement
Water Vapour Permeable	Allows substrate to breathe
Economical	Can be applied as a single, tinted coat over Armawall Primer (see Application)

Technical data

Colour:	Available in a wide range of colours	
Profile:	Low	
Spread Rate:	1.0m ² /litre	
Drying Time:	Armawall Primer	2 Hours
	Armawall Mediterranean	24 Hours
	Armawall Satin	4 Hours (7 days full curing)
	Note: This may be lengthened in damp, cold or humid conditions. Do not apply at temperatures below 10°C	
Dry Film Thickness:	0.8mm to 1.0mm	
Odour:	Low	

Resistance properties

Weathering:	Excellent
Water:	Excellent
Abrasion:	Good

Surface preparation

New cement render, masonry and concrete surfaces should be allowed to cure for 28 days. Off form concrete should be thoroughly cleaned by acid etching, water or sand blasting to ensure all bond breaker oils are removed. All masonry surfaces should be primed with Armawall Primer (thinned 50-100% with water) prior to the application of Armawall Mediterranean. Seal tilt slab concrete and CFC with Armawall Sealer/ Bonder thinned 50% with GTA007 to ensure adhesion of topcoats.

Previously painted surfaces in sound condition should be scrubbed down with detergent and fresh water; fresh water washed and allowed to dry.

Previously painted enamel surfaces should be undercoated with Taubmans Tradecoat.

Surface irregularities such as blow holes and profile defects may require patching with Armawall Filler or Patch prior to system application.

Application data

Stirring:	Stir Armawall Mediterranean prior to use
Application:	This product is generally applied with a steel trowel and finished off with a plastic float or sponge. Rough or uneven surfaces may require a second trowel application or a topcoat of Armawall Satin. Product can also be sprayed or applied with a roller for different finish effects
Temperature:	Avoid application when temperature is below 10°C and above 35°C
Clean up:	Water, away from drains and watercourses

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ARMAWALL ULTRASAND

Description: A durable exterior acrylic designed to give a medium profile "cement render" effect and bridge hairline cracks in masonry surfaces.

Uses: Brick, fibro, concrete, cement render, AAC panels and blocks and other masonry surfaces. DO NOT use on timber surfaces.

Features and benefits

<i>Features</i>	<i>Benefits</i>
Acrylic binder	Long life on exterior exposure
Medium texture profile	Contemporary render-like finish

Technical data

Colour: Available in a wide range of colours

Profile: Low

Spread Rate: Upto 8 m²/litre

Drying Time: 4 Hours
Note: This may be lengthened in damp, cold or humid conditions. Do not apply at temperatures below 10°C

Odour: Low

Resistance properties

Weathering: Excellent

Water: Excellent

Abrasion: Good

Surface preparation

New cement render, masonry and concrete surfaces should be allowed to cure for 28 days. Off form concrete should be thoroughly cleaned by acid etching, water or sand blasting to ensure all bond breaker oils are removed. Armawall Ultrasand may be applied over porous or absorbent masonry surfaces such as brick and render without a primer. If in doubt apply Armawall Primer thinned 50% with water, or apply a test area.

Seal tilt slab concrete and CFC with Armawall Sealer/ Bonder thinned 50% with GTA 007 to ensure adhesion of topcoats.

Previously painted surfaces in sound condition should be scrubbed down with detergent and fresh water, fresh water washed and allowed to dry.

Previously painted enamel surfaces should be undercoated with Taubmans Tradecoat.

Surface irregularities such as blow holes and profile defects may require patching with Armawall Filler or Patch prior to system application.

CAUTION: *When applying Armawall Ultrasand on large tilt-up concrete slabs or unbroken high rise off form concrete, you will not easily be able to maintain a wet edge. This can cause overlaps to stand out.*

Application data

Stirring:	Stir Armawall Ultrasand prior to use
Application:	Apply 2 coats of Armawall Ultrasand using a long nap roller.
Temperature:	Avoid application when temperature is below 10°C and above 35°C.
Clean up:	Water, away from drains and watercourses.

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