

HITCHINS

TECHNICAL DATASPEC

FORTEX

TEXTURED ACRYLIC COATING

March 2014

NO.1421 v2

Description	Fortex is a sand-filled, thixotropic, hi-build, waterborne flexible acrylic texture.		
Recommended Uses	<ul style="list-style-type: none">Fortex is recommended for use on most building materials substrates, such as concrete, concrete lime blocks, plaster surfaces, fibre reinforced cement sheeting, stone and brick, plus interior substrates of plaster and Gib-board.Fortex will assist with covering surface imperfections on new or existing buildings surfaces.Fortex Process for external use where weather-proofing system required incorporates a hi-build waterproofing base process.Fortex is over-coated with Hitchins Nu-clear glaze process for improved protection, dirt retention and weather resistance.		
Properties	<p>Fortex is a decorative finish suitable for interior & exterior surfaces.</p> <p>Fortex is flexible to accommodate minor structure stresses.</p> <p>Fortex finish range varies from sandy, fine to lumpy profile texture.</p> <p>Fortex colour range is extensive, we provide near match colours.</p> <p>Fortex has very good hiding powers to improve substrate finishes.</p> <p>Fortex Nu-clear glazed provides durable easy to clean finish..</p>		
Limitations	<ul style="list-style-type: none">Fortex is a hi-build acrylic coating that must be applied to dry surface, in fine weather and must not be caught in changing weather until fully dried.Fortex sprayed for best result, non-coated surfaces must be masked out or covered for protection.Texture can collect dirt and dis-colour unless protected by glaze coat.		
Technical Data			
Classification	Acrylic	Application Temp Range	8°C – 35°C
Specific Gravity	1.6	Clean-up	Water
Solids Content	65% by weight	Packaging	4L, 10L, 20L pails
Application method	Brush, roller or spray	Shelf Life	3 years
Dry time	2 hours (sandy) (18°C@65%rH)	V.O.C.	57grams/litre
Recoat time	2 hours (sandy) (18°C@65%rH)		
Coverage rate (approx)	Sandy 2.0m²/L, Heavy Texture 0.5m²/L		
Colour	Manufactured in range of colours and a near match to all brands		
Surface Preparation	<ul style="list-style-type: none">Mosskill existing painted surface & water-blast clean, remove all suspect paint and ensure surface well preparedEnsure all surfaces are clean and free of mould, oils, dirt, dust, release and curing compounds, laitance, mortar splashes and surface dry.Cementitious surfaces require a 28 day minimum curing time.Back prime sheet materials before installation if subject to moisture.Carry out filling hole and flushing out imperfections with Formflush 665 or Epoflush 604.Bandaging of cracks by bedding in Sealflex Formelast.Prepare and seal all expansion joints with Formrok 28 PMask out joinery, adjacent surfaces and cover-up protection for spray application of Fortex system. Strip off at completion.		

Hitchins New Zealand Limited

7 Masfield Street, PO Box 40749, Upper Hutt, Wellington, New Zealand, Ph: 64 4 527 7248
 300 Richmond Road, PO Box 46018, Herne Bay, Auckland, New Zealand, Ph: 64 9 360 3246
 Freefax: 0800 448 622, Web: www.hitchins.co.nz, Email: office@hitchins.co.nz



FORTEX WATER-BASED TEXTURED COATING		
March 2014		NO. 1421 V2
Mixing	Fortex is sand filled heavy bodied hi-build acrylic that requires power mixing before use and may require thinning for best application procedure.	
Application	Select priming system according to the substrate from the table below, and apply by at the indicated coverage rate, working well into the surface.	
SUBSTRATE	PRIMER	COVERAGE RATE
Fibre Cement sheet	Sealflex Primer G	6m ² per litre
Concrete & compressed sheet	Sealflex Primer G or Formstik	6 -10 m ² per litre
Concrete lime blocks	Sealflex Primer/Filler	2.5m ² per litre
Plaster Board	Sealflex solvent primer	11 to 15m ² per litre
When Primer coat is dry, carry out the following process within the Fortex system allowing full drying between coats: <ul style="list-style-type: none"> • Block work and bad pin-holed concrete apply by continental brush or woolly roller Basetex of selected colour to fill all pin holes at 2.5 M2 per litre. • Apply by spray (fine nozzle, high pressure) or woolly roller Fortex base coat of selected colour at 1.5/m² per litre. • Apply by spray (medium nozzle, higher pressure) or roller Fortex topcoat of selected colour at 1.0 M2 per Litre • Depending on texture required consumption of Fortex will vary accordingly and above is a guide only • Minimum air temperature 8°C during application of all coats. • Allow the Fortex completely dry for two days before applying glaze coat if preferred/required. • Full application procedure covered in specification and application instruction documents. 		
Consumption Rates	As above given coverage per litre of Fortex per coat	
Non-Compliance Warning	Do not apply or install any Hitchins product or process to building structures that do not comply with the Building Code.	
Warranty	Fortex , as part of a process, is covered under the Hitchins Product Performance Warranty Document for “ that ” products process, as per our Warranty Schedule.	
Health and Safety	Wear chemical splash goggles or face shield. Wear protective clothing and gloves. For detailed information, refer to the Safety Datasheet no.1421 available from Hitchins New Zealand Ltd	