

FORTEX HI-TEX

EXTERIOR ACRYLIC TEXTURED COATING

April 2014

NO.1437 v3

Description	Fortex Hi-Tex is a high build; marble chip filled coloured acrylic coating to provide weather resistant and decorative exterior textured wall finish.
Recommended Uses	Fortex Hi-Tex is recommended for use on most building substrates such as concrete, block work, brickwork, plaster and fibre reinforced cement sheets to provide a self-coloured texture finish to the exterior of buildings.
Features	<ul style="list-style-type: none"> • Fortex Hi-Tex can be produced in a light, medium to high texture finish, depending on application procedure and client preference. • Fortex Hi-Tex finish sample can be provided on request • Fortex Hi-Tex is produced in range of client selected colours of near match to all brands. • Fortex Hi-Tex produces a monolithic textured finish that improves substrates imperfections. • Fortex Hi-Tex over-glazed with Nu-clear provides an improved durable easier to clean finish. • Fortex Hi-Tex over-coated with Formwal 612 provides dark and bright colours, plus improved waterproof system and weather resistance finish.
Limitations	<ul style="list-style-type: none"> • Fortex Hi-Tex 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 Hi-Tex is a sprayed application process, joinery and non-coated surfaces must be masked out or covered for protection, including roofs, decks, paths, featured brickwork etc. • Fortex Hi-Tex white is not a pure white, it is white natural

Technical Data

Classification	Acrylic		
Specific Gravity	1.6kg/litre	Application Temp Range	8°C-35°C
Solids Content	76% by weight	Clean-up	Water
Application method	Spray	Packaging	10L and 20L pails
Shelf Life	2 years	V.O.C.	21 grams/litre
Coverage Rate	Basecoat 1.5m ² /L, Texture-coat 0.5-0-3m ² /L		
Dry time	2 hours (sandy) (18°C@65%rH)		
Recoat time	4 hours (sandy) (18°C@65%rH)		
Colour	White natural and range of colours to near match of all brands		

Processes	<p>Fortex Hi-Tex process as covered below can be varied to suit the substrate requirements to achieve a full waterproof system, clients choice of colour and textured finish, plus glaze coats for improved dirt retention.</p> <ul style="list-style-type: none"> • Basetex applied to sealed block work or pin-holed concrete for improved hi build waterproofed system. • Formwal 612 hi builds coatings over Fortex Hi-tex for improve colour and water proofed system.
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Surface Preparation	<ul style="list-style-type: none"> • Mosskill existing painted surface & water-blast clean, remove all suspect paint, spot seal and ensure surface well prepared • Ensure all new 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 bottom and sides (150 mm) of sheet materials before installation, flush out holes and imperfections with Formflush 665. • Bandaging of cracks by bedding in Sealflex Formelast. • Prepare and seal all expansion joints with FORMROK 28 P • Mask out joinery, adjacent surfaces and cover-up protection for spray application of Fortex Hi Tex system. Strip on completion.
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Recess Joints	<p>Carry out the reinforced flushing system to recessed joints in Harditex;</p> <ul style="list-style-type: none"> • Apply coat of Formbond and allow drying. • Apply Formfill 660, lay-in Flexi-tape and flush over, leave to dry. • Flush out with Formflush 665 completely, leave to dry. • Apply coat of Sealflex Primer G to Formflush 665.
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Mixing	Basetex and Fortex Hi-Tex must be power mixed before use.
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Primers	Select priming from the table below and apply by brush and roller.
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Recommended Primers

Fibre Cement sheets	Hitchins Formbond	7-10m ² /L
Non Porous surface	Sealflex Primer G	10m ² /L
Porous surface (blocks)	Sealflex Primer Filler	2.5m ² /L
Metal surface	Hitchins Speed Spray 10 Primer	10m ² /L

Fortex Hi-Tex process with options

Basecoat	Apply Basetex of selected colour by wooly roller at a coverage rate of 3.5m ² /L.
Textured Bodycoat	Apply Fortex Hi-Tex at a coverage rate of 1.5m ² /L by spraying with fine nozzle to obtain full coverage coat to the surface and allow to dry.
Textured Topcoat	Apply Fortex Hi-tex at a coverage rate of 0.5 – 1m ² /L by spraying at low pressure with larger nozzle to a desired texture.
Colour Coat (Optional)	Apply Formwal 612 by spraying at 3-5 m ² /L to dry Fortex Hi-Tex .
Glaze Coat (Optional)	Apply Nu Clear Glaze by spraying at 8 to 10 m ² /L to dry Fortex Hi-Tex .

Consumption Rates	As covered above as guide consumption per litre per coat.
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Colours	<ul style="list-style-type: none"> • Shadows in textures tend to darken or muddy selected colours. • Pure white achieved by coating Fortex with Formwal 612 white. • Bright dark colours achieved by coating Fortex with selected coloured Formwal 612 or Formcote.
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Specifications	Hitchins provide full specifications on range of Fortex Hi-Tex systems
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Non-Compliance Warning	Do not apply or install any Hitchins product or process to building structures that do not comply with the Building Code.
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Health and Safety	<p>Sealers, Fortex Hi-Tex, colour and glaze coats are water-based, non-flammable, low toxicity and V.O.C.</p> <p>Apply barrier cream to skin, wear protective face shield, clothing and gloves. Remove from skin with soapy warm water.</p> <p>For detailed information, refer to the Safety Datasheet no.1437.</p>
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Warranty	Fortex Hi-Tex , as part of a process, is covered under the Hitchins Product Performance Warranty Document for “that” products process, as per our Warranty Schedule.
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The information in this Dataspec is accurate to the best of our knowledge at the time of printing. Due however to the wide variety of use, procedures and application, we give no warranty nor undertake responsibility in any form. The Company reserves the right to alter information, formulations and/or parameters at any time without notice.

