Textured and Specialist Coatings

Resene AquaShield, Resene Flexicover E, Resene Plastercote, Resene Resitex, Resene Sandtex and Resene Thixalon 5

Recommended When

A lack of accuracy in the formwork or framing results in walls having within them various planes. This is visually very obvious and not aesthetically pleasing. One method of overcoming this is to trick the eye into not seeing it by applying a textured coating to the surface. The texture diffuses light and substantially reduces the obviousness of surface defects.

Best System to Specify

Resene AquaShield: A high mineral content super-hydrophobic, water repellent coating for application on most porous building materials to impart watershedding properties. Combines the water repellent properties of silicones with a special surface micro-structure considerably reducing the contact area for dirt. The result: dirt particles adhere only loosely and are more easily carried away by raindrops, leaving a dry and attractive facade. Ideal for highly stressed weather-exposed facades. See Data Sheet D601.

Resene Flexicover E: Based on tough acrylic elastomers, this elastomeric waterproofing membrane has the ability to bridge propagating cracks in concrete or masonry. Its unique memory allows it to return to its original shape after deformation. Particularly useful at protecting flexing structures from concrete carbonation. See Data Sheet D64.

Resene Plastercote: An elastomeric acrylic specialist finish perfect for creating a Mediterranean style sponge finish effect yet tough enough to withstand the harsh environment. Based on tough acrylic elastomers that have an excellent memory of their original shape when distorted, it is capable of bridging minor cracks. See Data Sheet D72.

Resene Resitex Coarse: 880 micron, deeply textured durable waterborne coating with excellent adhesion and flexibility. Disguises surface defects without detracting from the basic architectural concept. An approved system for Harditex. See Data Sheet D70.

Resene Resitex Medium: 500 micron durable waterborne coating with excellent adhesion and flexibility. Disguises surface defects without detracting from the basic architectural concept. Perfect for those wanting to achieve a moderately textured effect. An approved system for Harditex. See Data Sheet D70.

Resene Resitex Standard: 300 micron durable waterborne coating with excellent adhesion and flexibility. Disguises surface defects without detracting from the basic architectural concept. Durability and cleanability is further enhanced by a coat of Resene F.10 Glaze (see Data Sheet D56) or Resene Multishield+ (see Data Sheet D54a). See Data Sheet D70.

Resene Sandtex: 150 micron fine textured waterborne coating, which can recreate the texture of natural sandstone when applied at 4 square metres per litre. Inherently durable, it can also be used to create lightly textured effects when applied at 6 square metres per litre. Available in both standard and superfine variants. See Data Sheet D71.

Resene Thixalon 5: Provides long term protection against concrete carbonation. A proven water barrier that is both aesthetic and versatile in either a stippled roller effect or smooth finish. See Data Sheet D63.

In all cases, a standard panel should first be prepared by the applicator and approved by clients/specifiers. This standard should be used to ensure the texture actually achieved is to the agreed pattern.

Surface Preparation

Cementitious Surfaces - see **Surface Preparation D83** for detailed surface preparation guidelines.
Paperfaced Plasterboard - see **Surface Preparation D84** for detailed surface preparation guidelines.
Solid Plaster - see **Surface Preparation D85** for detailed surface preparation guidelines.
Harditex - see **Surface Preparation D806** for detailed surface preparation guidelines.
Repaints - see **Surface Preparation D87** for detailed surface preparation guidelines.

20e 1 Exterior Waterborne

Although Resene AquaShield, Resene Flexicover E, Resene Plastercote, Resene Resitex, Resene Sandtex and Resene Thixalon 5 may be used on various substrates, they are predominantly used over exterior cementitious substrates. The innovative polymers used in formulating Resene Flexicover E have made substantial strides to improve the dirt pick up performance, however, in unwashed areas Resene recommend the overcoating of Resene Flexicover E with Resene Lumbersider (see Data Sheet D34). Resene AquaShield requires weathering to develop full hydrophobicity.

Continued over

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Two basic types of textures exist: inherent (Resene Resitex, Resene Sandtex) and build (Resene Thixalon 5). Resene Plastercote combines both of these texture types, enabling a wider range of finishes to be achieved. Resene Resitex will provide a uniform finish on all applications while Resene Plastercote and Resene Thixalon 5 textures are dependent on application method and applicator. Resene Plastercote, Resitex Standard, Resene Thixalon 5 and Resene Flexicover E may be applied either in two coats with a suitable roller, or one coat with spray application, as long as the specified film thickness is achieved. Resene Resitex Medium and Resene Resitex Coarse should be applied in one coat with spray application.

Resene Limelock (see Data Sheet D809) is a preparatory coating designed to cure and seal cementitious surfaces by retaining moisture necessary to achieve cure and trapping free lime, minimising downtime between the completion of plastering and commencement of painting.

For Harditex, spot prime all nails, joints and corners with Resene Galvo-Prime (see Data Sheet D402).

Generic Specification				Resene Spec No.	Resene One-Line Specification				
Product	Environment	Paint Type	Gloss Level		Surface Prep	1st Coat	2nd Coat	3rd Coat	4th Coat optional
Thixalon 5	Exterior	Waterborne	Semi-Gloss	**20e 1.2^{T}**	D83 TP: Limelock D809	SCS: Concrete Primer D405 P: Sureseal D42 SP: Thixalon 5 D63	Thixalon 5 D63	Thixalon 5 D63 (optional)	Multishield+ D54a
Flexicover E	Exterior	Waterborne	Semi-Gloss	**20e 1.2^{F}**	D83 TP: Limelock D809	SCS: Concrete Primer D405 P: Sureseal D42 SP: Flexicover E D64	Flexicover E D64 (optional)	Flexicover E D64 Multishield+ D54a (clear)	Lumbersider D34 (pigmented)
Resitex (Coarse & Medium)	Exterior	Waterborne	Satin	**20e 1.3^{RCM}**	D83 TP: Limelock D809	SCS: Concrete Primer D405 P: Sureseal D42	*Lumbersider D34*	Resitex D70	Multishield+ D54a
Resitex (Standard)	Exterior	Waterborne	Satin	**20e 1.3^{RS}**	D83 TP: Limelock D809	SCS: Concrete Primer D405 P: Sureseal D42	*Lumbersider D34*	Resitex D70	Multishield+ D54a
Resitex (Coarse, Medium - Harditex Approved)	Exterior	Waterborne	Satin	**20e 1.3^{H}**	D806	Galvo-Prime D402 [Spot prime nails, joints and corners]	X-200 D62	Resitex D70	Multishield+ D54a
Plastercote	Exterior/ Interior	Waterborne	Satin	**20e/i 1.3^{P}**	D83 TP: Limelock D809	SCS: Concrete Primer D405 P: Sureseal D42 CB: See Rockcote Systems	*Plastercote D72	Plastercote D72	Multishield+ D54a
AquaShield	Exterior	Waterborne	Flat	**20e 1.5**	D83	PC: Aquapel D65 SSP: AquaShield D601	AquaShield D601 AquaSheild D601	AquaShield D601 –	–
Sandtex (Standard)	Exterior/ Interior	Waterborne	Flat	**20e/i 1.5**	D83/ D84 TP: Limelock D809	SCS: Concrete Primer D405 P: Sureseal D42 SP: Lumbersider D34	*Lumbersider D34* Sandtex D71	Sandtex D71	Sandtex D71
Sandtex (Superfine)	Exterior/ Interior	Waterborne	Flat	**20e/i 1.5^{SF}**	D83/ D84 TP: Limelock D809	SCS: Concrete Primer D405 P: Sureseal D42 SP: Lumbersider D34	*Lumbersider D34* Sandtex Superfine D71	Sandtex Superfine D71	Sandtex Superfine D71

Key: For additional waterproofing, replace this coat of Resene Lumbersider with one coat of Resene X-200; for a higher dry film thickness (DFT), replace this coat of Resene Lumbersider with a coat of the final textured finish. E.g. 20e 1.3^{RS}, replace this coat of Resene Lumbersider with a coat of Resene Resitex to achieve a higher DFT.

**This coat of Resene Plastercote may be replaced by one coat of Resene Sandtex if desired. Some applicators may find Resene Sandtex easier to apply.*

CB = Concrete Block
SCS = Sound Cementitious Surfaces
P = Powdery
SP = Self Priming
PC = Porous Cementitious Surfaces Only
SSP = Sound Surface for Painting
TP = Thin Plaster

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