

the paint the professionals use

access specification information online at www.resene.co.nz (NZ) or www.resene.com.au (AUST)
minimise the effect of your project on the environment – see www.resene.co.nz/paintwise.htm

Recommended When

Buildings and objects are often subjected to being defaced and if the graffiti may not easily be removed from the surface, obliteration by overcoating results in spiralling maintenance costs. Anti-graffiti paints are designed with excellent solvent resistance so that neither the solvents in the tagging media nor the strong cleaning solvents used will damage the paint surface. Anti-graffiti paints should be specified as a system. When upgrading existing coatings some softer PVA's are less tolerant to hard solvent containing topcoats. These coatings require to be sealed off with multi-layers of tougher waterborne coatings and where possible the use of anti-graffiti topcoats with less aggressive solvents in them, such as Resene Aquapoxy (see [Data Sheet RA42](#)).

Best System to Specify

Resene Aquapoxy: Provides the toughness and resistance properties of a full epoxy without any solvent odours and with the ease of application of a waterborne paint. Ideal for refurbishment of hospitals, dairies and the like when solvent odours can not be tolerated. Contains no aggressive solvents and may be used to upgrade PVA and waterborne coatings but only for interior purposes as epoxies tend to chalk when exposed to the sun.

Resene Imperite 413: A highly decorative and durable two pack gloss urethane topcoat for the decoration and protection of interior and exterior surfaces. Ideal for use where bright colours and outstanding colour and gloss retention are to be an architectural feature. Excellent resistance to a wide range of chemicals, solvents and salt solutions. Extremely durable topcoat, resists marking and scuffing. Must be applied via spray. Contains aggressive solvents preventing it from going directly over existing PVA or waterborne coatings.

Resene Uracryl 400 Series: Available in gloss and semi-gloss, this flagship urethane acrylic combines unsurpassed gloss and colour retention, outstanding abrasion and chemical resistance, with unique convenience allowing spray, brush or roller application and easy self-recoatibility. It contains semi-aggressive solvents and existing PVA or waterborne coatings require sealing off with resistant waterborne systems, such as Resene Quick Dry Acrylic Primer Undercoat (see [Data Sheet D45](#)).

Surface Preparation

New Work - see [Surface Preparation D83](#) for detailed preparation guidelines for cementitious surfaces.

Repaints - see [Surface Preparation D87](#) for detailed preparation guidelines.

19e 2 Exterior Solventborne Painted

19e 4 Exterior Solventborne Clear

19i 1 Interior Waterborne Painted

19i 2 Interior Solventborne Painted

19i 3 Interior Waterborne Clear

19i 4 Interior Solventborne Clear

Anti-graffiti coatings will be wasted on inaccessible areas, such as on the seventh floor exterior wall of a building. Coatings will not develop full solvent resistance (and therefore graffiti resistance) for at least a week. Immediate attention to removing graffiti is always good practice. Epoxies chalk badly outside and should therefore be used for interior jobs only. Textured surfaces will be very difficult to clean. Cleaning leaves the surface vulnerable to staining if re-tagged within 24 hours. Sealants should never be overpainted with two pack products as cracking of the sealant is likely.

Please turn over for 19e/i systems chart

Anti-Graffiti Systems

Resene Aquapoxy,
Resene Imperite 413
and Resene Uracryl
400 Series

Exterior Systems - Solventborne

Substrate	Application	Pigmented/ Clear	Resene Spec No.	Basecoat/Sealer	Topcoat 1	Topcoat 2	Topcoat 3
Unpainted Cementitious Surfaces	Spray Only	Pigmented	19e 2.1^{CS}	Armourcote 510 RA40	Imperite 413 Pigmented RA57	Imperite 390 Clear RA57	-
		Clear	19e 4.1^{CS}	Imperite 390 Clear RA57	Imperite 390 Clear RA57	Imperite 390 Clear RA57	-
	Brush/Roller/Spray	Pigmented	19e 2.1^{CA}	Armourcote 510 RA40	Uracryl 403 Pigmented RA56	Uracryl 403 Pigmented RA56	Uracryl 403 Clear RA56
		Clear	19e 4.1^{CA}	Uracryl 403 Clear RA56	Uracryl 403 Clear RA56	Uracryl 403 Clear RA56	-
Previously Painted Concrete, Old Acrylic	Brush/Roller/Spray	Pigmented	19e 2.1^{PA}	Quick Dry Undercoat x 2 D45	Uracryl 403 Pigmented RA56	Uracryl 403 Pigmented RA56	Uracryl 403 Clear RA56
Previously Painted Old Enamel, Epoxy or Urethane 2 Pack	Spray Only	Pigmented	19e 2.1^{OS}	WB Smooth Surface Sealer D47a	Imperite 413 Pigmented RA57	Imperite 413 Pigmented RA57	Imperite 390 Clear RA57
	Brush/Roller/Spray		19e 2.1^{OA}	WB Smooth Surface Sealer D47a	Uracryl 403 Pigmented RA56	Uracryl 403 Pigmented RA56	Uracryl 403 Clear RA56
New Timber	Brush/Roller/Spray	Pigmented	19e 2.1^{TA}	Quick Dry Undercoat x 2 D45	Uracryl 403 Pigmented RA56	Uracryl 403 Pigmented RA56	Uracryl 403 Clear RA56
System Upgrade	Brush/Roller/Spray	Clear Over Pigmented	19e 4.1^{SA}	-	Uracryl 403 Clear RA56	-	-
	Spray Only	Clear Over Pigmented	19e 4.1^{SS}	-	Imperite 390 Clear RA57	-	-

Interior Systems - Waterborne/Solventborne

Unpainted Cementitious Surface	Brush/Roller/Spray	Pigmented	19i 2.1^{CA}	Armourcote 510 RA40	Uracryl 403 Pigmented RA56	Uracryl 403 Pigmented RA56	Uracryl 403 Clear RA56
		Clear	19i 4.1^{CA}	Uracryl 403 Clear RA56	Uracryl 403 Clear RA56	Uracryl 403 Clear RA56	-
		Pigmented	19i 1.1^{CA}	WBS: Aquapoxy Pigmented RA42	Aquapoxy Pigmented RA42	Aquapoxy Pigmented RA42	-
Old Enamel/Epoxy 2 Pack Urethane	Brush/Roller/Spray	Pigmented	19i 2.1^{OA}	WB Smooth Surface Sealer D47a	Uracryl 403 Pigmented RA56	Uracryl 403 Pigmented RA56	Uracryl 403 Clear RA56
			19i 1.1^{OA}	WBS: Aquapoxy Pigmented RA42	Aquapoxy Pigmented RA42	Aquapoxy Pigmented RA42	-
Old Acrylic	Brush/Roller/Spray	Pigmented	19i 1.1^{AA}	WBS: Aquapoxy Pigmented RA42	Aquapoxy Pigmented RA42	Aquapoxy Pigmented RA42	-
System Upgrade	Brush/Roller/Spray	Clear Over Existing Pigmented	19i 4.1^{SA}	-	Uracryl 403 Clear RA56	-	-
	Spray Only	Clear Over Existing Pigmented	19i 4.1^{SS}	-	Imperite 390 Clear RA57	-	-

Key: WBS = Waterborne System