

What paint and primer/undercoats to use?

Metal Substrates				
Substrate	Non-Ferrous	Ferrous	Colour Steel/Zincalume	Galvanised Iron
Description Examples Abrasion:methods Pre-prep wash	Aluminium/Copper /Brass/Lead Joinery/spouting/Door knobs/flashings Sandpaper 400 grit wet dry(create key) A925 Roof wash metal degreaser	Mild Steel / Tin /Wrought Iron Metals prone to red/brown rust Mechanical/sand paper /wire brush A925 Roof wash metal degreaser	Prepainted Zincalume Garages Doors/sheds/roofs Only Sand paper to remove rust A925 Roof wash metal degreaser	Zinc Galvanized on Steel Roofs/beams/fences/sheds Mechanical/Sand Paper /Wire Brush A925 Roof wash metal degreaser
Coating System 1st Coat 2nd Coat 3rd Coat	Interior New Protective Paints AE-12 etch primer Duralon Velvet/Duralon Satin enamel Duralon Velvet/Duralon Satin enamel	Interior New AE-12 etch primer/S1-S2 Coroless Duralon Velvet/Duralon Satin enamel Duralon Velvet/Duralon Satin enamel	Interior New Protective Paints AE-12 etch primer Duralon Velvet/Duralon Satin enamel Duralon Velvet/Duralon Satin enamel	Interior New Galvanized Iron Primer/AE-12 Duralon Velvet/Duralon Satin enamel Duralon Velvet/Duralon Satin enamel
Coating System 1st Coat 2nd Coat 3rd Coat	Exterior New AE-12 etch primer/Transmarine 1.33 *343 Polyurethane/Exterior Acrylics *343 Polyurethane/Exterior Acrylics	Exterior New AE-12 etch primer/S1-S2 Coroless Duraglo/Duralon Gloss enamel Duraglo/Duralon Gloss enamel	Exterior New <i>**Protective Paints AE-12 etch primer</i> Duraglo/Duralon Roof Paint Duraglo/Duralon Roof Paint	Exterior New <i>**Protective Paints AE-12 etch primer</i> Duraglo/Duralon Roof Paint Duraglo/Duralon Roof Paint
*Do not use acrylics where blocking can occur such as window and door frames,acrylics are normally good for spouting and soakers **Spot prime bare metal surfaces				

Interior Wall and Building Boards

Substrate	GIB Board	Fibrous Plaster	Customwood (MDF)	Chipboard
Description Examples Sanding Pre-prep wash	Gypsum plaster set between cardboard Standard /Wet/Brace plasterboards Sand smooth skim coated plaster joints Wipe with damp cloth to be dust free	Gypsum and Fibreglass reinforced Ceiling/Cornices/Mouldings/Columns Sand to remove any defects Wash using Sugar Soap/Allow to dry	Sheets of compressed timber chips Doors/Joinery/cabinetry/furniture Sand to remove any defects Wash all contaminants/Allow to dry	Compressed resin and timber chips Covered in veneer/Floor board/kitchens Sand to remove any defects Wash all contaminants/Allow to dry
Dry Areas Coating System 1st Coat 2nd Coat 3rd Coat	Walls and Ceilings Duralon Quick Dry Primer Duralon Velvet Low Sheen /Matt Duralon Velvet Low Sheen /Matt	Ceiling/Cornices/Mouldings/columns Duralon Pigmented Sealer Duralon Velvet Low Sheen /Matt Duralon Velvet Low Sheen /Matt	Doors/Joinery/cabinetry/furniture Duralon Quick Dry Primer Imperlon/Duralon Satin Enamel Imperlon/Duralon Satin Enamel	Direct onto chipboard Duralon alkyd primer undercoat Imperlon/Duralon Satin Enamel Imperlon/Duralon Satin Enamel
Wet Areas Coating System 1st Coat 2nd Coat 3rd Coat	Walls and Ceilings Pigmented Sealer Imperlon/Duralon Satin Enamel Imperlon/Duralon Satin Enamel	Ceiling/Cornices/Mouldings/columns Pigmented Sealer Imperlon/Duralon Satin Enamel Imperlon/Duralon Satin Enamel	Doors/Joinery/cabinetry/furniture Protective Paints Custom wood sealer Imperlon/Duralon Satin Enamel Imperlon/Duralon Satin Enamel	Direct onto chipboard Duralon alkyd primer undercoat Imperlon/Duralon Satin Enamel Imperlon/Duralon Satin Enamel
Prepainted Areas Coating System 1st Coat 2nd Coat 3rd Coat	*Acrylic or Alkyd Primer Undercoat Duralon Velvet or Satin Enamel Duralon Velvet or Satin Enamel	*Acrylic or Alkyd Primer Undercoat Duralon Velvet or Satin Enamel Duralon Velvet or Satin Enamel	*Acrylic or Alkyd Primer Undercoat Imperlon/Duralon Satin Enamel Imperlon/Duralon Satin Enamel	*Acrylic or Alkyd Primer Undercoat Imperlon/Duralon Satin Enamel Imperlon/Duralon Satin Enamel
<i>* If in doubt use Acrylic Primer undercoat over previously painted acrylics and Alkyd Primer Undercoat over previously painted Enamels</i>				

Exterior Building Boards

Substrate	Hardiplank	Fibre Cement	Timber Weatherboards	Plywood
Description Examples Sanding Pre-prep wash	Exterior cladding and weather boards Hardiplank/Hardipanel/Rusticated Remove loose powdery particles Wash with Degrease etch A926	Gypsum and Fibreglass reinforced Linea Board/Axon/Hardiflex/Hardiglaze Remove loose powdery particles Wash with Degrease etch A926	Pretreated and primed weather boards Jenkins Align Sand with 180-220 grit Wash with X200 Mouldkill A924	Layers of timber Veneer Ecoply/Shadowclad Sand with 180-220 grit Wash with X200 Mouldkill A924
Coating System 1st Coat 2nd Coat 3rd Coat	Duralon Quick Dry Dry primer Duraglo/Duralon Gloss Acrylic Duraglo/Duralon Gloss Acrylic	Duralon Quick Dry Dry primer Duraglo/Duralon Gloss Acrylic Duraglo/Duralon Gloss Acrylic	** <i>Resin Bleed (see below)</i> *** <i>Duralon Acylic Primer Undercoat</i> Duraglo/Duralon Gloss Acrylic Duraglo/Duralon Gloss Acrylic	Duralon Acylic Primer Undercoat Duraglo/Duralon Gloss Acrylic Duraglo/Duralon Gloss Acrylic
Prepainted Areas Loose & Flaky paint 1st Coat 2nd Coat	Remove all loose and flaky paint Duraglo/Duralon Gloss Acrylic Duraglo/Duralon Gloss Acrylic	Remove all loose and flaky paint Duraglo/Duralon Gloss Acrylic Duraglo/Duralon Gloss Acrylic	Remove all loose and flaky paint Duragard/Duraglo Duragard/Duraglo	Remove all loose and flaky paint Duragard/Duraglo Duragard/Duraglo

*Spot prime all bare timber areas

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*** Use Alkyd Primer Undercoat over bare **Cedar weatherboards** before topcoating. Remove all **previous stain** from weather boards through mechanical sanding and apply Duralon wood primer before topcoating.

** Pine is prone to resin bleed which is a sticky yellow substance, treat as following:

Scrape surface to remove solid resin present, sand affected area with 60 grit sand paper, feather edges back using smoother sand paper.

Spot prime any bare areas using A203-Duralon Aqua QD 30.

Within two days apply one coat of Duralon Alkyd Primer Undercoat, once dry apply finish coats.

Timber Staining, Varnishing and Oiling

Timber	Timber staining	Timber Clear Varnishing	Timber Oiling	Fire Intumescent Clear Varnish
Sanding Pre-prep wash Mould	Rough Sawn and Smooth Surface Sand Hardwoods to increase penetration Wash with X200 Mouldkill A924	Smooth surface Sand to smooth surface Wash with X200 Mouldkill A924	Smooth surface Sand to smooth surface Wash with X200 Mouldkill A924	Smooth surface Sand to smooth surface Wash with X200 Mouldkill A924
Coating Sysytem 1st Coat 2nd Coat 3rd Coat	New exterior Weatherboards Protective Control (736070) Original Oil Stain/Xyladecor Original Oil Stain/Xyladecor	Exterior Doors and Frames Protective PaintsUltra/Alpha Varnish Protective PaintsUltra/Alpha Varnish Protective PaintsUltra/Alpha Varnish	Interior Timber Natural Look Danish Oil using a cloth along grain Remove excess oil with soft clean cloth	Interior Plywood or Timber Protective Paints 165 Protective Paints 166 Protective Paints 167
Coating Sysytem 1st Coat 2nd Coat 3rd Coat	New exterior Fences (non Cedar) ECL Fence Stain ECL Fence Stain ECL Fence Stain	Interior Doors and Frames Duralon Polyurethane/Stays Clear Duralon Polyurethane/Stays Clear Duralon Polyurethane/Stays Clear	Exterior Timber Furniture Natural Look Danish Oil using a cloth along grain Remove excess oil with soft clean cloth Re-oil once timber shows weathering	Contact our Technical Department Follow data sheets for spread rates
Coating Sysytem 1st Coat 2nd Coat 3rd Coat	Exterior Plywood Protective Control (736070) Original Oil Stain/Xyladecor Original Oil Stain/Xyladecor	Interior Floors and Furniture Fina Glow/Duralon Polyurethane Fina Glow/Duralon Polyurethane Fina Glow/Duralon Polyurethane		

Concrete Substrates

Substrate	Tilt Slab/Concrete tanks	Concrete Floors	Plaster	Concrete Roof Tiles
Description Curing time Pre-prep wash Waterblasting	Concrete Walls for New Construction Fours weeks before Painting Wash with Degrease etch A926 Remove A926 with grease and agents	Concrete poured and screeded Fours weeks before Painting Wash with Degrease etch A926 Remove A926 with grease and agents	Stuco/Solid/Over Blockwork Fours weeks before Painting Wash with Degrease etch A926 Remove A926 with grease and agents	Premade concrete Tiles Fours weeks before Painting Wash with Degrease etch A926 Remove A926 with grease and agents
Coating System	New Concrete	New Concrete	New Plaster	New Concrete
1st Coat 2nd Coat 3rd Coat	Protective Paints P274 Primer Plastiflex/Modocryl/Duragard Plastiflex/Modocryl/Duragard	Modocote Epoxy thinned 15% Modocote Waterbased Epoxy Modocote Waterbased Epoxy	Protective Paints Muraflex GP Sealer Duragard/Duraglo Duragard/Duraglo	Protective Paints P274 Primer Duralon roof Coating Duralon roof Coating
Coating System	Previously Painted	Previously Painted	Previously Painted	Previously Painted
Mould Loose & Flaky paint 1st Coat 2nd Coat 3rd Coat	Remove using X200 Mouldkill Remove with waterblasting Spot Prime bare area with P274 Primer Plastiflex/Modocryl/Duragard Plastiflex/Modocryl/Duragard	Remove using X200 Mouldkill <i>Diamond grind to bare concrete</i> Modocote Epoxy thinned 15% Modocote Waterbased Epoxy Modocote Waterbased Epoxy	Remove using X200 Mouldkill Remove with waterblasting Spot Prime bare areas GP Sealer Duragard/Duraglo Duragard/Duraglo	Remove using X200 Mouldkill Remove with waterblasting Spot Prime bare area with P274 Primer Duralon roof Coating Duralon roof Coating

Miscellaneous Substrates				
Substrate	Brick	Slate/Pebbles/Stone/Pavers	Butynol	Dairy Shed Walls
Description	Clay Baked Material Glazed/Unglazed <i>Not recommended to paint glazed bricks</i>	Hard Wearing surfaces <i>Not recommended to paint glazed tiles</i>	Flexible syntheteic rubber membrane <i>Do not paint high traffic areas'</i>	Concrete with steel or timber incorporated <i>Allow concrete to dry for 4 weeks</i>
Pre-prep wash Waterblasting	Wash with Degrease etch A926 Remove A926 with grease and agents	Wash with Degrease etch A926 Remove A926 with contaminants	Wash with Degrease etch A926 Remove A926 with grease and agents	Wash with Degrease etch A926 Remove A926 with grease and agents
Conting System 1st Coat 2nd Coat 3rd Coat	Direct onto Brick Protective Paints P274 Primer Plastiflex/Modocryl/Duragard Plastiflex/Modocryl/Duragard	Porous surfaces Acriseal clear thinned 20% Acriseal Clear Coating N/A	Direct onto Butynol Protective Paints P274 Primer Plastiflex Plastiflex	New Concrete Modocote waterbourne epoxy thin 20% Modocote waterbourne epoxy Modocote waterbourne epoxy
Conting System Mould Removal Contaminants 1st Coat 2nd Coat 3rd Coat	Previously Painted Remove using X200 Mouldkill Remove with waterblasting Plastiflex/Modocryl/Duragard Plastiflex/Modocryl/Duragard N/A	Hard Surfaces Remove using X200 Mouldkill Remove with waterblasting Acriseal Clear Coating Acriseal Clear Coating N/A	Previously Painted Remove using X200 Mouldkill Remove with waterblasting Spot prime with P274 Plastiflex Plastiflex	Previously painted Remove using X200 Mouldkill Remove with waterblasting Modocote waterbourne epoxy Modocote waterbourne epoxy N/A
Miscellaneous Substrates				
Substrate	Wallpaper	Plastic	Swimming Pools	Asbestos
Notes	Vinyl Plastic <i>No acrylics direct on wall paper</i>	PVC / Polyvinyl chloride	Concrete / Fibreglass/Vinyl	Contact the District Health Board Before commencing any painting
Pre-prep wash Other Prep	Wash using suger soap Allow to dry	Clean using Methylated spirits Allow to dry	Use Degrease etch A926 Waterblast surface	Wash with Degrease etch A926 Do not use hard waterblasting
Coating system 1st Coat 2nd Coat 3rd Coat	Interior Walls Duralon Pigmented Sealer Duralon Velvet Duralon Velvet	Interior Protective Paints AE-12 Etch Primer Duralon Velvet Duralon Velvet	New Concrete Thin below products 20% to prime 460 Pool Epoxy/Syncol Pool Paint 460 Pool Epoxy/Syncol Pool Paint	No new available
Coating system Mould Removal Contaminants 1st Coat 2nd Coat 3rd Coat	Previously Painted Remove using X200 Mouldkill Remove using Suger soap Acrylic Primer Undercoat Duralon Velvet Duralon Velvet	Exterior Remove using X200 Mouldkill Remove using Suger soap Protective Paints AE-12 Etch Primer Duragard/Duraglo Duragard/Duraglo	Previously Painted Refer to our Technical Department For site inspection 0800 PAINT IT	Previously painted Remove using X200 Mouldkill Do not use hard waterblasting Spot prime with P274 Duragard/Duraglo/Roof Paint Duragard/Duraglo/Roof Paint

Preparation Recommendations

Sanding Recommendations

Area	Sandpaper Grit Size	Use Scraper (25mm-50mm blade)
Remove loose and Flaking Paint	80-100 grit zinc stearate	Yes
Sanding between top coats	220 grit zinc stearate	No
Sanding fillers on timber	180 grit	No
Sanding fillers on wall linings	220 grit zinc stearate	No
Sanding over primer/undercoats	180-220 zinc stearate	No
Remove a glossy surface	220 grit zinc stearate	No

Filler Recommendations

Substrate Interior	Filler type Interior	Notes
Small holes in wall boards(nail holes)	Sellys Rapid filler/equivalent	Refer to instructions
Gaps:scotia,skirtings,doors & frames	Sellys No More Gaps/equivalent	Refer to instructions
Holes/voids in timber/MDF/Plywood	Sellys Permafill/equivalent	Refer to instructions
Substrate Exterior	Filler type Interior	Notes
Fine cracks in concrete and plaster	Sellys Exterior Crack Filler	Refer to instructions
Cracks in concrete and plaster (1mm)	Brush Protective Paints Plastiflex	Refer Data Sheet
Gaps in weather boards	Sellys No More Gaps Exterior	Refer to instructions
Voids/Holes in concrete & plaster	Sellys Exterior Crack Filler	Refer to instructions

Washing/Mould/Etching Recommendations

Objective	Solution Product Type	Notes
Removing oils grease & contaminants	A926 Chemical Degreaser	Refer to mixing ratios
Removing Mould/Lichen/algae	A924 X200 Mould Kill	Refer to mixing ratios
Cleaning Interior Walls	A926 Chemical Degreaser	Refer to mixing ratios
Cleaning Exterior Walls	A926 Chemical Degreaser	Refer to mixing ratios
Degreasing Metal/Galvanised Iron	A925 Roof Wash Degreaser	Refer to mixing ratios
Etching & washing concrete/plaster	A926 Chemical Degreaser	Refer to mixing ratios