

Guide To Primers With Protectakote

		Clean, Remove dust, Remove grease marks, Dry surface thoroughly	Obligatory test patch prior to application	Scuff/Lightly Sand to remove surface finish	Sanding with 40 / 60 grit	Clean with Xylene****	Primer
Paints	Painted surfaces (Wood, Metal, Concrete, Polyester)	X		X		X	
Wood	Untreated wood (except oily exotic wood)	X			X	X	
	Processed wood: Plywood, MDF, Chipboard.				X	X	Seal with dilute PVA or matt emulsion*
	Marine Ply	X				X	
	Tanalised Wood			X		X	Dilute the first coat with 10% Xylene
Steel	New steel	X				X	Metcote
	Polished steel	X				X	Protectakote 2K
	Used polished steel	X				X	Protectakote 2K
	Rusted steel	X			Remove all rust**	X	
	Stainless steel 304 L	X				X	Protectakote 2K
	Stainless steel	X	X			X	Protectakote 2K
	Galvanised steel	X				X	Protectakote 2K
Aluminium	Aluminium	X				X	Metcote
	Aluminium A3	X				X	Metcote
	Aluminium A5	X				X	Protectakote 2K
	Anodized aluminium	X	X			X	Protectakote 2K
Composite materials	Fibre glass	X		X		X	
	Polyester	X				X	
	Plastic	X	X	X		X	
	PVC	X			X	X	
	Rubber	X		X		X	
	Linoleum	X		X		X	
	Canvas cover , Inflatable surfaces, Pliable surfaces	X	X			X	
	Polished cement	X		X****		X	Dilute the first coat with 10% Xylene***
	Concrete	X				X	Dilute the first coat with 10% Xylene***
	Damp Concrete	X				X	Duraprime
	Slate	X				X	Dilute the first coat with 10% Xylene
	Quarry Tiles (unsealed)	X				X	Dilute the first coat with 10% Xylene
	Tiles	X	X			X	Protectakote 2K
	Asphalt	X				X	
	Bitumen	X					Duraprime
	Tarmac	X				X	

* This is to improve coverage, dilute 10%

**Alternatively remove any loose or flaking rust and apply Rust Buster, For maximum corrosion protection surfaces should be coated in a corrosion inhibiting zinc phosphate or red oxide primer. Allow to cure for 48 hours before overcoating.

***Any loose or crumbling concrete must be removed, smooth surfaces should be etch cleaned with a stiff brush, rinsed and allowed to thoroughly dry before application. If unsure of the condition of the concrete or there is any likelihood of rising damp use Duraprime.

****In most circumstances an alkaline detergent such as CIF cream cleaner can be used to clean a surface, it must however be rinsed off and allowed to completely dry before overcoating. Acetone may also be used for cleaning surfaces it cannot however be used for diluting Protectakote.

***** Either mechanically abrade or use an acid etch to roughen the surface, surface must be clean & dry before application.

We always recommend a test patch before applying to surfaces larger than 15 m²

Duraprime - Two pack water based epoxy primer

Metcote - Single pack high adhesion etch primer

Protectakote 2K - Two pack etch primer

Xylene - De-greasant and solvent for Protectakote

For more detailed information on the primers please visit the [New Venture Products website](#) or [click on the individual links](#). NVP can also be contacted on 0845 430 4030 or at enquiries@newventureproducts.co.uk