Matthews Paint Prep & Primer Product Reference Guide

R = Recommended
G = Good as needed for special purpose
6H = 6H HAP-Free Options
* Anodize coating must be removed
** Not hot dipped. Galvanized coating must be removed

Substrates	Cleaners/Prep					Primers														
						Acid Etch					Epoxy						Specialty			
	Speed Prep 45 330SP (6H)	Low VOC Cleaner 6405SP (6H)	Plastic Prep 6428SP (6H)	Muriatic Acid Solution, Not MPC	Flame or Corona Treatment, Not MPC	Metal Pretreatment No Fill 74 734SP	Chrome Free (3.5 VOC) Some Fill 74 350SP (6H)	PT Filler, Some Fill 74 760SP	High Build PT Filler 74 770SP	High Build Etching Filler 74 780SP (6H)	White/Black Epoxy (3.5 VOC) 274 908/808SP (6H)	Gray Epoxy (3.5 VOC) 6007SP (6H)	E-Prime (2.8 VOC) 274 228SP (6H)	ULVOC Epoxy (<50g/L VOC) MAP-LVU100 (6H)	Spraybond Metal 74 793SP (6H)	Tiebond Plastic 74 777SP (6H)	Polyester Primer Surfacer 6001SP (6H)	U-Prime (2.8 VOC) 274 685SP (6H)	ULVOC Tintable (<50g/L VOC) MAP-LVU200 (6H)	Latex Ext. Primer Not MPC
Metals																				
Aluminum	R	R				R	R	R	R	R	R	R	R	G	G		G	G	G	
Anodized Aluminum*	R	R									R	R	R	G	G					
Aluminum Composite Sheets	R	R									R	R	R	G						
Brass / Copper / Cast Bronze	R	R													R					
Luminore	R	R													R					
Steel	R	R				G	G	G	G	G	R	R	R	G				G		
Steel: bonderized/phosphated/galv**	R	R									R	R	R	G						
Recoats / Patches																				
Powder coated or painted surfaces	R	R									R	R	R	G						
Bondo		R	R								R	R	R	G			G	G	G	
Plastics / Foams																				
Acrylic		R	R													R				
PVC			R	R												R				
Photopolymer		R	R													R				
Polycarbonate		R	R													R				
Vinyl		R	R			Topcoat Direct with Prep														
Trim Cap			R	R		Topcoat Direct with Prep														
Flexible Face (e.g. Cooley)		R	R			Topcoat Direct with Prep														
HDU / PU Foam	Dry-remove contam.													G			R	G	R	
EPS / Polystyrene	Dry-remove contam.																			G
Fiberglass - non gel-coated		R									R	R	R	G			G		G	
Fiberglass - gel-coated		R				Topcoat Direct with Prep														
Polypropylene / Polyethylene		R	R		R	Topcoat Direct After Clean & Corona														
Natural Materials																				
Dry Wood (color coat)	Dry-remove contam.										R	R	R	G			G	G	G	
Dry Wood (clearcoat only)	Dry-remove contam.					Topcoat Direct with Prep														
MDO / MDF / Extera	Dry-remove contam.										R	R	R	G			G	G	G	
Limestone	Dry-remove contam.										R	R	R	G						
Granite - sandblasted	Dry-remove contam.					Topcoat Direct with Prep														
Granite - polished				R							R	R	R	G						
Cement / Concrete / Concrete Block	Dry-remove contam.										R	R	R	G						
Stucco / Dryvit / Texcoat	Dry-remove contam.										R	R	R	G						
Drywall	Dry-remove contam.										R	R	R	G						