Strategic Corrosion Management

Part of the tci group

Guide to Paint Compatibility

This chart offers a broad guide of paint compatibility - always check manufacturers data before application

Existing Topcoat	New TOPCOAT													
	Match Vertical with Horizontal Listing	Acrylated Rubber	Alkyd	Amine Epoxy	Bitumen	Chlor. Rubber	Coal Tar Epoxy	Epoxy Ester	Ethyl Silicate	M.C. Urethane	Polyamide Epoxy	Silicone Alkyd	Urethane(2 Pack)	Urethane Acrylic	Vinyl
	Acrylated Rubber	E	X	X	X	X	X	X	X	X	X	X	X	X	X
	Alkyd	F(1,4)	E(2)	X	F(4)	P	X	G(2)	X	P(1)	P(1)	G(2)	X	F(1,4)	P(1)
	Amine Epoxy	F(1,4	X	E(2,3)	F(1)	F(3)	G(3)	X	X	F(3)	G(2,3)	X	F(3)	F(3)	F(3)
	Bitumen	X	X	X	E	X	X	X	X	X	X	X	X	X	X
	Chlorinated Rubber	X	X	X	F(1,4)	E	X	X	X	F(1,4)	P(1)	X	F(1,4)	F(1,4)	F(1,4)
	Coal Tar Epoxy	F(3,4)	X	G(3,4)	F(3,4)	F(3,4)	E(3)	X	X	F(3,4)	G(3,4)	X	F(3,4)	F(3,4)	F(3,4)
	Epoxy Ester	F(1,4)	E(2)	X	F(4)	P	X	E2	X	P(1)	P(1)	G(2)	X	F(3,4)	P
	Ethyl Zinc Silicate	F(1,4)	X	G(4)	F(1,4)	G(4)	F(1,4)	X	P(1)	G(4)	E	X	G(4)	G(4)	G(4)
	M.C. Urethane	F(1,4)	F(1,4)	F(2,3)	F(1,4)	F(4)	F(3,4)	F(1,4)	X	E(2)	F(1,2)	F(1,4)	G(4)	G(2)	F(1,4)
	Polyamide Epoxy	F(1,4)	P	F(2,3)	F(1,4)	F(4)	G(3)	P	X	G(4)	G(2)	P	F(4)	G(4)	F(4)
	Silicone Alkyd	F(1,4)	E(2)	X	F(4)	P	X	G(2)	X	P(1)	P(1)	E(2)	X	F(1,4)	P(1)
	Urethane (2 Pack)	F(1,4)	F(1,4)	F(2,3)	F(3,4)	F(1,4)	F(3,4)	F(1,4)	X	G(2)	F(2,3)	F(1,4)	E(2)	G(2)	F(3,4)
	Urethane Acrylic	F(1,4)	F(1,4)	F	F(1,4)	F(1)	F(4)	F(1,4)	X	G(1)	F	F(1,4)	G	E	F(1)
	Vinyl	X	X	F(4)	F(1,4)	F(1)	X	X	X	F(1,4)	X	X	F(1,4)	F(1,4)	G(1)

E = Excellent
G = Good
F = Fair
P = Poor
X = Not Recommended

(1) = Perform a patch test
(2) = Initially apply a primer or undercoat – same topcoat generic type
(3) = Abrade overall
(4) = Apply tie / sealer coat

Courtesy of Fitz Atlas – www.fitz-coatings.com Peter G Morgan – Lithgow Associates – www.lithgow.co.uk & MPI Group www.mpigroup.co.uk