

NUPLEX RESIN FLOORING SYSTEMS - Selection Guide

Selection Criteria Typical properties	Performance Guide	Clear sealers					Floor Coatings					Self Smoothing			2-3 mm Coatings			4-6mm Toppings				Trowelled Heavy Duty Toppings						6mm Decorative		
		Aqua Clear	Crystal / Diamond Seal	Ionix Silicate	Revathane Clear	Monothane MC PU	Aquacolor / Aquaduo	Terratuff (Unituff WB)	Surecote 200, 200HS	Supadeck LD & MD	Terraflake / Hydroflor	Terratuff SLE	Surecote 200	Self levelling cement screeds	Traxite VE	Traxite Colourfine	Rapidfloor MMA	Supascreed	Surecote 500	Surecote 500 AR	KG	Intaflor	Sureshield 8mm	Nuthane SB 6mm Polyurethane	Industrial / Decorative Terrazite	Nuthane T PU	Supascreed	Surechem VE	Architectural Terrazite	Architectural Terrazite ZV
Generic Class (WB indicates waterbased, ZV: Zero VOC)	MMA: Methyl Methacrylate P - LSE Polyester EP - Epoxy PU - Polyurethane C - Cement AC - Acrylic VE - Vinyl ester	WB PU	AC	WB	PU	PU	WB EP	EP	EP	PU	EP/PU	EP	EP	C	VE	EP/P	MMA	EP	EP	EP	ZV	P	PU	P	PU	EP	VE	PE	ZV/AC	EP
Nominal Thickness	mm N - Negligible	0.1	N	N	0.2	0.2	0.1	0.2	1	1.3	0.75	1-4	2-4	6	2-3	2-3	2-3	6	4-5	4-5	4-5	8-9	6	6-7	6-8	6	6-8	6	6	5
Slip Resistance Options	S - Smooth T - Slip Resistant B - Both options available	S	S	S	B	s	B	B	B	B	B	B	S	S	T	T	T	B	T	T	T	B	T	B	B	B	B	S	S	B
Chemical Resistance	P - Poor G - Good V - Very good E - Exceptional	P	P	P	G	G	G	G	G	G	G	VG	G	P	E	VG	VG	VG	VG	VG	E	E	E	E	E	VG	E	P	P	G
Minimum / maximum application temperature * Low Temp Hardener Option	Minimum +C Maximum +°C	10 40	10 40	10 40	10 28	10 28	10 60	5 40	5 40	10 40	10 40	5 40	5 40	10 40	5 40	0* 40	-20 40	0* 40	5 40	5 40	5 40	5 40	5 40	5 40	5 40	0* 40	10 40	5 40	5 40	10 40
Application - Damp Surface Tolerance	Y - Yes N - No	N	N	N	N	N	Y	N	N	N	Y	N	Y	Y	N	Y	N	Y	Y	Y	N	N	Y	N	Y	Y	N	Y	N	Y
Impact Resistance	1 Fair 10 Excellent	3	3	3	4	4	5	5	6	7	5	5	5	5	7	7	7	9	9	9	9	10	9	10	10	9	10	6	6	8
Wear Resistance	1 Fair 10 Excellent	4	4	4	5	5	6	6	7	7	6	6	6	6	7	7	7	9	8	8	9	10	9	10	10	9	10	6	6	8
Continuous In-Service Wet Temperature Range (Short term, dry or intermittent temperatures are higher)	Maximum °c Minimum	40 -30	40 -30	40 -30	75 -30	70 -30	65 -30	60 -30	60 -30	60 -30	40 -30	60 -30	60 -30	50 -30	75 -30	65 -30	75 -30	65 -30	65 -30	100 -30	100 -30	90 -	100 -30	80 -30	100 -30	65 -30	110 -30	65 -30	60 -10	65 -30
Odour during installation	N - Nil L - Low M - Moderate H - High	N	M	N	H	H	N	N	N	M	M	N	N	N	H	H	H	N	N	N	N	H	N	H	N	N	H	M	N	M
Installed Cost (guide only) per m²	A - \$6-10 B - \$25 - 40 C - \$50-70 D - \$70-85 E - \$95 - 110 F - \$125 - 150	B	A	A	B	B-	C	B	C	C	C	D	D	B	D	E	E	F	E	E	E	E	E	D	F	F	F	F	F+	F
Thermal Flexibility	N/a L=Low, M=Medium, H= High flexibility	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	H	N/A	M	N/A	N/A	N/A	N/A	M	N/A	N/A	N/A	L	M	L	M	M	L	L	L	L	
Installation Method	R= Roll S= self Smoothing RB:= Roll & Broadcast SB= Slurry & Broadcast T= Trowel RS= Roll / squeegee	R	R	R	R	R	R	RS	RS	R	R	RS	S	RB	RB	RB	T	SB	SB	SB	T	SB	T	T	T	T	T	T	T	T
Colours Available	N - No / clear L - Limited F - Full	N	N	N	N	N	F	F	F	L	F	F	F	N	F	F	F	L	L	L	L	L	L	L	L	L	L	F	F	F
Adhesion to Concrete (minimum)	Mpa - cohesive concrete failure	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Aggregate / Filler System	N: Clear / neutral C: Colours A: Aggregates H: heavy aggregate / trowel	N	N	N	N	N	C	C	C	CA	C	C	C	A	A	A	A	HA	A	A	A	H A	A	HA	HA	HA	HA	HA	HA	HA
Minimum into Service Time (Time after last coat)	Hours - light to medium duty use.	4	4	4	12	12	24	12	12	12	24	12	12	4	4	4	2	8	12	12	4	4	8	4	8	8	4	12	12	12
Compressive Strength	Mpa	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	93	N/A	N/A	N/A	N/A	90	60	93	60	93	110	60	60	N/A
UV stability / Exterior / Strong Sunlight	Y N	Y	Y	Y	Y	N	Y	N	N	Y	Y	N	N	N	Y	Y	Y	N	Y	N	Y	Y	Y	Y	N	Y	Y	Y	Y	

Free Ph 0508-88 22 88 free fax 0508-55 33 44

