

nuplex Application Selection Chart	Clear Sealers	Floor Coatings	Self smoothing	2-3mm Coatings	4-5mm Toppings	Architectural Terrazzite	Trowelled heavy Duty Toppings
Leisure / Hospitality / food/ Edu							
Kitchen Floors							A
Swimming Pool surrounds	C	C		A			
TV Studio Floors			A				A
Feature / High Profile		C			B	A	
Change areas / Drains		C		B	B		A
Ablutions / Toilets / Showers		C		C			A
Bar areas		C				B	A
Food Processing / Pharmaceutical							
CIP rooms							A
Process Floors							A
Drains							A
Chillers /freezers							A
Chemical storage				C	C		A
Packing areas	C	C	B				A
Fish plants					B		A
Dairy Plants							A
Meat Plants							A
Winery / Brewery / Bottling		C		B	B	B	A
Bakeries							A
Pharma / Cosmetics		C	A			A	B
Remedial to existing toppings				A	A	A	B
Pulp / Paper, Chemical Industry Anodising / Galvanising / Auto.							
Process Floors							A
Tank Linings	Refer to Situclad & Fibreclene lining systems						A
Catchment pits							A
Sewage treatment							A
Garages / Engineering	C	A					B
Loading bay & Ramps		C			B		A
Retail							
Shopping mall Floors						A	
Showroom & shop Floors	A	A	A		B	A	
Entranceways		B		A		A	
Butchery / bakery / Fish							A
Delicatessens				B	B		A
Produce prep				C	C		A
Paving	A						
Restrooms / Toilets			B			A	
Parking Decks		A					
Medical / Educational / Penal Research							
Ablutions / kitchens		B					A
Cell floors							A
Lab floors		B	A				
Bench Coatings	C	C	A				
Mortuaries			C			A	A
Laundries				C	B		A
Beverage Plants							
Process floors, Bottling	C	C				B	A
CIP rooms							A
Chillers freezers				C	B		A
Drains				C	C		A
Potable Water Tanks		A					
Domestic							
Wet area showers				B			B
Entranceways / Feature		A		B		A	
Garage floors	A	C	B				
Patios decks		A					
Drives / Paving	A						
Transport							
Ship deck		A					
Galleys / Ablutions							A
Fish Process				B	B		A

Refer to the two page selection chart for products within the sections above. Classification: C= Good B= Better A= Best Choice. To assist, seek further clarification from Nuplex. Ph 0508- 88 22 88



Selection guide for Resin Flooring



This guide is intended to offer detailed features and a comparison of most of the range of Nuplex resin flooring products. A further chart offers a range of options for a selection of different flooring applications and environments. Nuplex resin floors enhances and protects concrete surfaces with colour, durability, impact resistance, slip resistance and heat and chemical resistance. This is conferred whilst offering seamless, hygienic and durable finishes.

System	
Clear Sealers	Wide range of multipurpose sealers for concrete.
Floor Coatings	Protective coloured coatings. Terratuff
Self smoothing	Highly smooth attractive, hygienic finish. SLE
2-3mm Coatings	Attractive, protective non slip finishes. Traxite
4-5mm Toppings	Very durable toppings. Nuthane Polyurethane
Trowelled Heavy Duty 6-9mm	Highly durable toppings for food industry. Sureshield
Architectural Terrazzite 6mm	Highly decorative resin based marble terrazzo.

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NUPLEX RESIN FLOORING SYSTEMS - Selection Guide



Construction Products

Selection Criteria Typical properties	Performance Guide	Clear sealers						Floor Coatings						Self Smoothing			2-3 mm Coatings			4-5mm Toppings					Trowelled Heavy Duty Toppings								
		Aqua Clear	Aquaseal	Crystal / Diamond Sealer	Ionix Silicate	Revathane Clear	M7 / M3 urethanes	Unituff	Aquacolour / Aquaduo	Terratuff	Surecote 200	ElastoDeck 5000	Terraflake	Terratuff SLE	Hydroflow	Uzin NC160 - sub-base	Traxite VE	Traxite Colourfine	Rapidfloor MMA	Nuthane SB Polyurethane	Surecote 500	Surecote 500 AR	Surecote VE	Quartzite	Sureshield	Industrial Terrazzite	Decorative Terrazzite	Architectural Terrazzite	Architectural Terrazzite ZV	Nuthane T Polyurethane	Supascreed	Surechem VE	
Generic Class (WB indicates waterbased, ZV: Zero VOC)	MMA: Methyl Methacrylate P - LSE Polyester C - Cement EP - Epoxy AC - Acrylic PU - Polyurethane VE - Vinyl ester	WB PU	WB EP	AC	WB	PU	PU	AC	WB EP	EP	EP	PU	EP/PU	EP	WE PP	C	VE	EP/P	MMA	PU	EP	EP	VE	EP	P	P	P/EP	PE/EP	PE	PU	EP	VE	
Nominal Thickness	mm N - Negligible	0.1	0.1	N	N	0.2	0.2	0.5	0.1	0.2	1	1.3	0.75	1-4	2-4	6	2-3	2-3	2-3	4-6	4-5	4-5	4-5	5	8-9	6-7	6	6	6	6-8	6	6-8	
Slip Resistance Options	S - Smooth T - Slip Resistant B - Both options available	S	S	S	S	B	s	T	B	B	B	B	B	B	S	S	T	T	T	T	T	T	T	B	B	B	B	S	S	B	B	B	
Chemical Resistance	P - Poor G - Good V - Very good E - Exceptional	P	G	P	P	G	G	G	G	G	G	G	G	VG	G	P	E	VG	VG	E	VG	E	E	G	E	E	VG	P	P	E	VG	E	
Minimum / maximum application temperature * Low Temp Hardener Option	Minimum +C Maximum +°C	10 40	10 40	10 40	10 40	10 28	10 28	15 25	10 60	5 40	5 40	10 40	10 40	5 40	5 40	10 40	5 40	0* -20	-20	5 40	5 40	5 40	5 40	10 40	5 40	5 40	5 40	5 40	5 40	0* 40	10 40		
Application - Damp Surface Tolerance	Y - Yes N - No	N	Y	N	N	N	N	Y	Y	N	N	N	Y	N	Y	Y	N	Y	N	Y	Y	Y	N	Y	N	N	N/Y	Y	N	Y	Y	N	
Impact Resistance	1 Fair 10 Excellent	3	4	3	3	4	4	3	5	5	6	7	5	5	5	5	7	7	7	9	9	9	9	8	10	10	8	6	6	10	9	10	
Wear Resistance	1 Fair 10 Excellent	4	5	4	4	5	5	4	6	6	7	7	6	6	6	6	7	7	7	9	8	8	9	8	10	10	8	6	6	10	9	10	
Continuous In-Service Wet Temperature Range (Short term, dry or intermittent temperatures are higher)	Maximum °c Minimum	40 -30	60 -30	40 -30	40 -30	75 -30	70 -30	40 -10	65 -30	60 -30	60 -30	60 -30	40 -30	60 -30	60 -30	50 -30	75 -30	65 -30	75 -30	100 -30	65 -30	100 -30	100 -30	65 -30	90 -30	80 -30	75 -30	65 -30	60 -10	100 -30	65 -30	110 -30	
Odour during installation	N - Nil L - Low M - Moderate H - High	N	N	M	N	H	H	N	N	N	N	M	M	N	N	N	H	H	H	N	N	N	H	N	H	H	M/N	E	N	N	N	H	
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	B	A	A	B	B-	A+	C	B	C	C	C	D	D	B	D	E	E	E	E	E	E	F	E	D	E	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	N/A	N/A	H	N/A	M	N/A	N/A	N/A	N/A	M	N/A	N/A	N/A	L	L	L	L	M	L	L	M	M	L	
Installation Method	R= Roll RB= Roll & Broadcast SB= Slurry & Broadcast T= Trowel S= self Smoothing RS= Roll / squeegee	R	R	R	R	R	R	R	R	R	RS	RS	R	R	RS	S	RB	RB	RB	SB	SB	SB	SB	T	T	T	T	T	T	T	T	T	
Colours Available	N - No / clear L - Limited F - Full	N	N	N	N	N	N	F	F	F	F	L	F	F	F	N	F	F	F	L	L	L	L	F	L	L	F	F	F	F	L	L	L
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	1.5	1.5	
Aggregate / Filler System	N: Clear / neutral C: Colours A: Aggregates H: heavy aggregate / trowel	N	N	N	N	N	N	C	C	C	C	CA	C	C	C	A	A	A	A	A	A	A	HA	HA	HA	HA	HA	HA	HA	HA	HA	HA	
Minimum into Service Time (Time after last coat)	Hours - light to medium duty use.	4	12	4	4	12	12	3	24	12	12	12	24	12	12	4	4	4	2	8	12	12	4	12	4	4	4	12	12	8	8	4	
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	N/A	N/A	N/A	60	N/A	N/A	N/A	N/A	90	93	93	60	60	60	93	110	
UV stability / Exterior / Strong Sunlight	Y N	Y	N	Y	Y	Y	N	Y	Y	N	N	Y	Y	N	N	N	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	N	Y		

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