

# Product Selection Chart

PRODUCT FAMILY	PRODUCT NAME	ASTM	PRODUCT CHARACTERISTICS	RECOMMENDED DOSAGE
<b>Water-Reducers</b>	Sika® Plastocrete® 161N	C494 Type A	Lignin-based water-reducer	120 - 500 mL/100 kg = Type A
	Sika® Plastocrete® 10N	C494 Type A, B, D	Sugar-based water-reducer	100 - 325 mL/100 kg = Type A and 230 - 400 mL/100 kg = Type B & D
	Sika® Plastocrete® 161	C494 Type A, B, D	Lignin-based water-reducer	130 - 260 mL/100 kg = Type A and 260 - 390 mL/100 kg = Type B & D
	Sika® Plastocrete® 161 <sup>CA</sup>	C494 Type A	Lignin-based water-reducer	250 - 500 mL/100 kg = Type A
<b>Mid-Range Water-Reducers</b>	Sikaplast 200	C494 Type A, G	Proprietary formulation, set-time reduction, better finishability, retarder at higher dosage	195 - 780 mL/100 kg = Type A and 780 - 1560 mL/100 kg = Type G
	Sikaplast 500	C494 Type A, F	Lignin-polycarboxylate blend	195 - 1170 mL/100 kg = Type A & F
	Sikament® 686	C494 Type A, F	Polycarboxylate	195 - 1170 mL/100 kg = Type A & F
<b>High-Range Water-Reducers</b>	Sikament® SP-MN	C494 Type A, F	Melamine/naphthalene formulation	650 - 2600 mL/100 kg = Type A & F
	Sika® ViscoCrete® 1000	C494 Type A, F	Slump retentive polycarboxylate	195 - 1170 mL/100 kg = Type A & F
	Sika® ViscoCrete® 2100	C494 Type A, F	Multi-purpose polycarboxylate	130 - 780 mL/100 kg = Type A & F
	Sika® ViscoCrete® 2110	C494 Type A, F	Slump retentive polycarboxylate	195 - 780 mL/100 kg = Type A & F
	Sika® ViscoCrete® 4100	C494 Type A, F	Multi-purpose polycarboxylate	195 - 780 mL/100 kg = Type A & F
	Sika® ViscoCrete® 6100	C494 Type A, F	High early strength polycarboxylate	195 - 780 mL/100 kg = Type A & F
	Sikament® 300N	C494 Type F	Polynaphtalene sulfonate	350 - 1000 mL/100 kg = Type F
<b>Accelerators</b>	SikaSet® HE	C494 Type C, E	Chloride-based	455 - 4560 mL/100 kg = Type C & E
	SikaSet® NC	C494 Type C	Non-chloride	375 - 2940 mL/100 kg = Type C
	SikaSet® RHE	C494 Type C, E	Non-chloride, freeze-resistant concrete	325 - 3900 mL/100 kg = Type C & E
	Sika® Rapid-1	C494 Type C	Non-chloride, fast-track applications	520 - 1950 mL/100 kg = Type C
<b>Set Retarders</b>	Sika® Plastiment®	C494 Type B, D	Sugar-based	50 - 260 mL/100 kg = Type B & D
	Sika® Plastiment RX	C494 Type B, D	Sugar-based	175 - 320 mL/100 kg = Type B & D
	SikaTard-440	C494 Type B	Acid-based set retarder and hydration control	130 - 520 mL/100 kg = Type B and 520 - 3130 mL/100 kg = hydration control
	SikaTard-930		Acid-based, hydration control	250 - 2000 mL/100 kg = hydration control
<b>Air Entrainers</b>	Sika® Air 260	C260	Synthetic, patented multi-component, reduces air fluctuation	7 - 400 mL/100 kg = ASTM C 260
	Sika® Air 360	C260	Synthetic, low-slump concrete for curbs, gutters, RCC	7 - 400 mL/100 kg = ASTM C260
	Sika® AER <sup>CA</sup>	C260	Vinsol-resin	30 - 150 mL/100 kg = ASTM C260
	Sika® Multi-Air	C260	Synthetic	30 - 150 mL/100 kg = ASTM C260
	Sika® Multi-Air 25	C260	Synthetic, low concentration for special applications	10 - 195 mL/100 kg = ASTM C260
<b>Corrosion Inhibitors</b>	Sika® CNI	C494 Type C	Calcium nitrite solution	10 - 30 L/m <sup>3</sup>
	Sika® FerroGard® 901		Nitrite-based, multifunctional inhibitor	10 - 15 L/m <sup>3</sup>
<b>Concrete Block, Pavers, Dry Cast Concrete</b>	Sikamix 512		Water-reducing admixture for extruded concrete such as hollocore, curbs and gutters	200 - 1300 mL/100 kg
	Sikamix PL-90		Compacting-aid for dry-cast concrete	130 - 390 mL/100 kg
	Sikamix PL-100		Compacting-aid and water-reducer for dry-cast concrete	130 - 390 mL/100 kg
	Sikamix BF3		Compacting-aid and set-accelerator for dry-cast concrete	130 - 520 mL/100 kg
	Sikamix W-10	E514	Water-repelling and efflorescence controlling admixture	260 - 3120 mL/100 kg
<b>Special Applications</b>	Sikamix AE-3		High-performance, water-repelling and efflorescence controlling admixture	100 - 325 mL/100 kg
	Sika® Control 40		Shrinkage reducing admixture	520 - 1950 mL/100 kg
	Sika® Stabilizer 4R	C494 Type S	Viscosity modifying admixture	65 - 455 mL/100 kg
	Sika® Stabilizer Aquagel		Natural gum for underwater concreting	0.03 - 0.25 % of cementitious material
	Sika® Control ASR		Lithium nitrate-based, liquid admixture to control ASR	See product data sheet for dosage and instructions
	Sika® Stabilizer 300 SC		Viscosity modifying admixture	20 - 240 mL/100 kg
	Sikament® 100 SC	CRD-661-06	Anti-washout admixture	630 mL/100 kg
	Sikamix PV-100		Admixture for pervious concrete	10 - 25 L/m <sup>3</sup>
	Sika® Lightcrete Powder		Flowable fill powdered admixture	600 g/m <sup>3</sup>
	Sika® Lightcrete Flow-Air		Flowable fill liquide admixture	115 - 190 mL/m <sup>3</sup>
	Sika® 1+		Water permeability reducing admixture	1500 mL/100 kg (max dosage of 7 L/m <sup>3</sup> )
	Sika® ViscoFlow-10	C494 Type S	Workability retaining admixture	130 - 780 mL/100 kg
	Sika® ViscoCrete®-125 Powder		High-performance, powdered superplasticizer	0.05 - 0.5 % of dry mix weight
	Sika® ViscoCrete®-225 Powder		High-performance, water-reducer, powdered superplasticizer	0.05 - 0.5 % of dry mix weight
	<b>Shotcrete</b>	Sikacrete® 950 DP	C1240	Densified silica fume
Sika® Sigunit®-49 <sup>CA</sup>			Powdered accelerator for dry-sprayed shotcrete	0.8 - 5% by weight of cement
Sika® Sigunit® L-72 AF			Alkali-free liquid accelerator for shotcrete	4 - 8 % by weight of cement
Sika® Sigunit® P1 AF			Water-soluble, alkali-free and high-performance powdered accelerator for wet-spray shotcrete	2 - 8 % by weight of cement