



Construction Grout Range Comparison Chart

CROSFILL
Construction Grout

CROSFILL 510
Construction Grout

CROSFILL 530
High Performance

CROSFILL 570
Ultra-Flow & Cure

CROSFILL 580
HES Precision Grout

Description	General purpose cementitious (Class A) grout, shrinkage compensation in the plastic stage.				General purpose cementitious, high strength (Class A) grout, shrinkage compensation in the plastic stage.				High performance cementitious (Class C) grout, dual shrinkage compensation in both plastic and hardened stages.				A rapid set, ultra-high flow, high strength, anchoring and patching grout, with incredibly high dimensional stability in both the plastic and hardened state, even at a highly flowable consistency.				High performance precision grout, high early and high final strength. Incredibly high dimensional stability in both the plastic and hardened state, even at high fluidity.				
Packaging	20kg PE Bags				20kg PE Bags				20kg PE Bags				20kg PE Bags				20kg PE Bags				
Application thickness (mm)	10 mm to 100 mm				10 mm to 100 mm				10 mm to 100 mm				10 mm to 100 mm				10 mm to 100 mm				
Time for Expansion (mins)	Start	Finish			Start	Finish			Start	Finish			Start	Finish			Start	Finish			
	-	-			15	45			15	45			15	45			5 - 10	20 - 25			
20Kg Bags/cubic metre	Stiff	94			Stiff	94			Stiff	94			Stiff	N/A			Stiff	94			
	Flowable	85			Flowable	85			Flowable	85			Flowable	N/A			Flowable	85			
Water addition (per 20 kg bag)	Consistency	Water (L)			Consistency	Water (L)			Consistency	Water (L)			Temperature Range	Water (L)			Consistency	Water (L)			
	Stiff	1.8 - 24			Stiff	1.8 - 24			Stiff	1.8 - 24			Below 10°C - 33%	3.3L			Stiff	N/A			
	Plastic	24 - 30			Plastic	24 - 30			Plastic	24 - 30			10°C to 25°C - 37%	3.7L			Plastic	2.2 - 2.5			
	Flowable	3.2 - 3.4			Flowable	3.2 - 3.4			Flowable	3.2 - 3.4			Above 25°C - 41%	4.1L			Flowable	4.2 - 4.6			
Fresh wet density (kg/m³)	Approx. 2000 kg/m³				Approx. 2000 kg/m³				Approx. 2000 kg/m³				33% Water - 1900 kg/m³; 37% Water - 1800 kg/m³; 41% Water - 1700 kg/m³				Approx. 2200 kg/m³				
Yield (per 20 kg bag)	Consistency	Yield (L)			Consistency	Yield (L)			Consistency	Yield (L)			Consistency	Yield (L)			Consistency	Yield (L)			
	Stiff	10.2 - 10.7			Stiff	10.2 - 10.7			Stiff	10.2 - 10.7			33% Water	7L			Stiff	N/A			
	Plastic	10.4 - 10.9			Plastic	10.4 - 10.9			Plastic	10.4 - 10.9			37% Water	7.6L			Plastic	10.0 - 10.2			
	Flowable	11.2 - 11.7			Flowable	11.2 - 11.7			Flowable	11.2 - 11.7			41% Water	8.3L			Flowable	10.5 - 10.6			
Setting time (mins)	Consistency	Initial	Final		Consistency	Initial	Final		Consistency	Initial	Final		Consistency	Final			Consistency	Initial	Final		
	Plastic	230	300		Plastic	225	315		Plastic	215	290		Plastic	290			Plastic	55	65		
	Flowable	265	345		Flowable	285	345		Flowable	275	320		Flowable	320			Flowable	65	80		
Compressive Strength (MPa)	Consistency	1 Day	7Days	28 Days	Consistency	1 Day	7Days	28 Days	Consistency	1 Day	7Days	28 Days	Consistency	2 Hrs	1 Day	7Days	28 Days	Consistency	2 Hrs	1 Day	28 Days
	Stiff	20 - 25	50 - 55	60 - 65	Stiff	50 - 55	80 - 85	95 - 100	Stiff	25 - 30	60 - 65	65 - 70	33% Water	44 - 46	54 - 56	56 - 58	64 - 66	Stiff	N/A	N/A	N/A
	Plastic	20 - 25	50 - 55	50 - 60	Plastic	30 - 35	70 - 75	90 - 95	Plastic	20 - 25	50 - 55	60 - 65	37% Water	41 - 43	52 - 54	54 - 56	59 - 61	Plastic	25 - 30	90 - 95	100 - 110
	Flowable	15 - 20	40 - 45	50 - 55	Flowable	20 - 24	50 - 55	65 - 60	Flowable	20 - 25	40 - 45	55 - 60	41% Water	33 - 35	42 - 44	44 - 46	51 - 53	Flowable	20 - 22	60 - 65	90 - 95

