

CROSFIL®

CROSFIL® 510

CROSFIL® 530

CROSFIL® 580 HES

Description	General purpose, high strength cementitious grout, shrinkage limiting properties.				General purpose cementitious (Class A) grout, shrinkage compensation in the plastic stage.				High performance cementitious (Class C) grout, dual shrinkage compensation in both plastic and hardened stages.				High performance cementitious (Class C) grout, High Early Strength, dual shrinkage compensation in both plastic and hardened stages.			
Packaging	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			
Time for Expansion (mins)	Start	Finish			Start	Finish			Start	Finish			Start	Finish		
	-	-			15	45			15	45			5 - 10	20 - 25		
20Kg Bags/cubic metre	Stiff	94			Stiff	94			Stiff	94			Stiff	94		
	Flowable	85			Flowable	85			Flowable	85			Flowable	85		
Water addition (per 20 kg bag)	Consistency	Water (L)			Consistency	Water (L)			Consistency	Water (L)			Consistency	Water (L)		
	Stiff	1.8 - 2.4			Stiff	1.8 - 2.4			Stiff	1.8 - 2.4			Stiff	N/A		
	Plastic	2.4 - 3.0			Plastic	2.4 - 3.0			Plastic	2.4 - 3.0			Plastic	2.2 - 2.5		
	Flowable	3.2 - 3.4			Flowable	3.2 - 3.4			Flowable	3.2 - 3.4			Flowable	2.8 - 3.1		
Fresh wet density (kg/m³)	Approx. 2000 kg/m³				Approx. 2000 kg/m³				Approx. 2000 kg/m³				Approx. 2200 kg/m³			
Yield (per 20 kg bag)	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			Stiff	N/A		
	Plastic	10.4 - 10.9			Plastic	10.4 - 10.9			Plastic	10.4 - 10.9			Plastic	10.0 - 10.2		
	Flowable	11.2 - 11.7			Flowable	11.2 - 11.7			Flowable	11.2 - 11.7			Flowable	10.5 - 10.6		
Setting time (mins)	Consistency	Initial	Final		Consistency	Initial	Final		Consistency	Initial	Final		Consistency	Initial	Final	
	Plastic	230	300		Plastic	225	315		Plastic	215	290		Plastic	55	65	
	Flowable	265	345		Flowable	285	345		Flowable	275	320		Flowable	65	80	
Compressive Strength (MPa)	Consistency	1 Day	7 Days	28 Days	Consistency	1 Day	7 Days	28 Days	Consistency	1 Day	7 Days	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	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	Plastic	25 - 30	90 - 95	100 - 110
	Flowable	15 - 20	40 - 45	50 - 55	Flowable	20 - 24	50 - 55	70 - 75	Flowable	20 - 25	40 - 45	55 - 60	Flowable	20 - 22	60 - 65	90 - 95



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