

MasterFlow[®] Cementitious Grouts

Product Selector

Product	Description	Aggregate Type	Performance				Applications		Dynamic Loads		
			Temp Range	Flowability			Extended Working Time	Base Plate & Foundation Grouting	Good	Better	Best
				Fluid	Flowable	Plastic					
MasterFlow 928	Nonshrink precision grout with extended working time	Mineral	45 – 90° F (7 – 32° C)	•	•	•	•	•		•	
MasterFlow 713	Nonshrink precision grout	Mineral	50– 80° F (10 – 27° C)	•	•	•		•		•	
MasterFlow 555	Nonshrink precision grout	Mineral	50 – 80° F (10 – 27° C)		•	•		•	•		
MasterFlow 885	Nonshrink precision grout with extended working time	Metallic	45 – 90° F (7 – 32° C)	•	•	•	•				•
MasterFlow 100	General purpose	Mineral	50 – 80° F (10 – 27° C)		•	•		When a flowable consistency will allow placement		•	
MasterFlow 4316	Ultra high strength, hybrid performance precision grout	Mineral	35 – 100° F (2 – 38° C)		•		•	•			•
MasterFlow 110 AN	Achoring cement	Mineral	40 – 90° F (4 – 32° C)	•					•		

(1) Thixotropic flow by PTI definition

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A brand of
MBCC GROUP



TECHNICAL DATA

MASTERFLOW

PROPERTY	928	713	555
Compressive strength, psi (MPa)			
3 days			
Fluid	4,500 (31)	3,000 (20.7)	4,200 (29)
Flowable	5,000 (34)	4,800 (33)	4,500 (31)
Plastic	6,000 (41)	5,500 (38)	5,800 (40)
28 days			
Fluid	7,500 (52)	7,000 (48)	7,000 (48)
Flowable	8,000 (55)	7,500 (52)	7,500 (52)
Plastic	9,000 (62)	8,500 (59)	8,500 (59)
Working time, minutes	30 – 60	5 – 10	5 – 20

PROPERTY	MASTERFLOW 885	MASTERFLOW 100	MASTERFLOW 4316	MASTERFLOW 110 AN
Compressive strength, psi (MPa)				
3 days				
Fluid	5,000 (34)	—	—	—
Flowable	6,000 (41)	5,000 (35)	10,900 (75.2)	—
Plastic	9,000 (62)	—	—	—
28 days				
Fluid	9,000 (62)	—	—	8,000 (55.2)
Flowable	10,000 (69)	7,000 (48)	16,700 (115.1)	—
Plastic	11,000 (76)	8,500 (59)	—	—
Working time, minutes	30 – 60	5 – 15	30 – 60	10 – 12

PACKAGING AND YIELD

PROPERTY	BAG / LBS (KG)	YIELD / FT ³ (M ³)
MasterFlow 928	55 (25)	0.50 (0.014)
MasterFlow 713	55 (25)	0.52 (0.015)
MasterFlow 555	50 (22.7)	0.42 (0.012)

PROPERTY	BAG / LBS (KG)	YIELD / FT ³ (M ³)
MasterFlow 885	55 (25)	0.43 (0.012)
MasterFlow 100	50 (22.7)	0.45 (0.013)
MasterFlow 4316	50 (22.7)	0.39 (0.011)
MasterFlow 110 AN	50 (22.7)	0.60 (0.017)

HEALTH, SAFETY AND ENVIRONMENTAL

Health, Safety and Environmental Read, understand and follow all Safety Data Sheets and product label information for this product prior to use. The SDS can be obtained by visiting www.master-builders-solutions.en.us, e-mailing your request to bldgsystechsupport@mbcc-group.com or calling 1(800)433-9517. Use only as directed. **For medical emergencies only, call ChemTrec® 1(800)424-9300.**

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