



We create chemistry

# MasterFlow<sup>®</sup> 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 816	Post tensioned cable grout	Aggregate free	45 – 90° F (7 – 32° C)	•	•	•	•	Consult BASF	•		
MasterFlow 555	Nonshrink precision grout	Mineral	50 – 80° F (10 – 27° C)		•	•		•	•		
MasterFlow 1205	Nonshrink cable grout with extended working time	Mineral	45 – 90° F (7 – 32° C)	•			•	Consult BASF	•		
MasterFlow 1206	Universal post tensioning duct grout	Mineral	45 – 90° F (7 – 32° C)	• <sup>1</sup>			•	Consult BASF	•		
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

**TECHNICAL DATA**
**MASTERFLOW**

PROPERTY	928	713	555	816	1205	1206
<b>Compressive strength, psi (MPa)</b>						
3 days						
Fluid	4,500 (31)	3,000 (20.7)	4,200 (29)	6,000 (41)	4,000 (28)	3,500 (28)
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)	8,500 (58)	8,000 (55)	7,000 (55)
Flowable	8,000 (55)	7,500 (52)	7,500 (52)	—	—	—
Plastic	9,000 (62)	8,500 (59)	8,500 (59)	—	—	—
<b>Working time, minutes</b>	30 – 60	5 – 10	5 – 20	30 – 45	30 – 45	30 – 45

PROPERTY	MASTERFLOW 885	MASTERFLOW 100	MASTERFLOW 4316	MASTERFLOW 110 AN
<b>Compressive strength, psi (MPa)</b>				
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)	—	—
<b>Working time, minutes</b>	30 – 60	5 – 15	30 – 60	10 – 12

**PACKAGING AND YIELD**

PROPERTY	BAG / LBS (KG)	YIELD / FT <sup>3</sup> (M <sup>3</sup> )
<b>MasterFlow 928</b>	55 (25)	0.50 (0.014)
<b>MasterFlow 713</b>	55 (25)	0.52 (0.015)
<b>MasterFlow 816</b>	55 (25)	0.60 (0.017)
<b>MasterFlow 555</b>	50 (22.7)	0.42 (0.012)
<b>MasterFlow 1205</b>	55 (25)	0.55 (0.016)

PROPERTY	BAG / LBS (KG)	YIELD / FT <sup>3</sup> (M <sup>3</sup> )
<b>MasterFlow 1206</b>	55 (25)	0.56 (0.016)
<b>MasterFlow 885</b>	55 (25)	0.43 (0.012)
<b>MasterFlow 100</b>	50 (22.7)	0.45 (0.013)
<b>MasterFlow 4316</b>	50 (22.7)	0.39 (0.011)
<b>MasterFlow 110 AN</b>	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.basf.us](http://www.master-builders-solutions.basf.us), e-mailing your request to [basfbcst@basf.com](mailto:basfbcst@basf.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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