

MCP™ Metal Casting Plasters

For Low Melting Temperature, Non-Ferrous Alloys, Especially Aluminum

Consistency

R&R MCP metal casting plasters are consistent lot to lot, part to part, time after time.

Tight quality standards are held on each MCP lot to maintain highly uniform properties, assuring reproducible and predictable results again and again.

Blended for High Performance

Specifically blended for plaster mold casting, MCP metal casting plasters are not generic plasters, but are blended strictly for use as a high-performance metal casting plaster, one that provides uniform working characteristics, fine detail, good strength and faster drying.

Technical Support

Best of all, when you use MCP metal casting plaster, you are backed up with all of R&R's technical expertise and support capabilities. Capabilities that are unmatched by other suppliers in the precision casting industry.

Many companies have come to depend on R&R's extensive network of technical support. The Product and Application Laboratory, including an R&D foundry, is totally dedicated to the development of products and processes for precision casting. We invite you to call us with your technical questions.

Packaging

MCP #15 metal casting plaster is available in 65 pound bags, 30 bags/pallet (1950 pounds).

MCP #10 metal casting plaster is available in 18 kg (40 pound) bags.

Product Application	MCP #10		
Water/Powder Ratio (by weight)	100/100	110/100	120/100
Water/Powder (% by weight)	50/50	52/48	55/45
Pouring Time (minutes)*	4	5.5	7
Setting Time (minutes)*	15	16.5	18

Product Application	MCP #15		
Water/Powder Ratio (by weight)	80/100	120/100	160/100
Water/Powder (% by weight)	44/56	55/45	62/83
Pouring Time (minutes)*	3-4	6-8	8-10
Setting Time (minutes)*	15-19	25-30	35-40
Compressive Strength (psi)**	150	80	80

*Water and powder temperature @72°F (23°C)

**At 72°F (23°C) after firing to 450°F (230°C)



R&R
DENSPLY

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