

Gypsum Solutions

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TYPICAL PHYSICAL CHARACTERISTICS -

INDUSTRIAL PLASTERS

PRODUCT	Use Consistency	Approx. hand MIX Vicat set	Min. dry comp strength	% Setting Expan. Max.	Density lb/ft3	
					Wet	Dry
Moulding Plaster	70	27 - 37	2000	0.2	99	69
Industrial Gauging Plaster	62	27 - 37	2400	0.22	102	75
White Art Plaster	70	27 - 37	2000	0.2	99	69
No. 1 Casting Plaster	65	27 - 37	2400	0.22	100	72.5
Industrial Plaster PC	75	27 - 37	2000	0.19	97.5	65
Tufcal Plaster	50	27 - 37	3500	0.22	108	85
Pottery Plaster	74	27 - 37	1800	0.19	97.6	66
No. 1 Pottery Plaster	70	27 - 37	2000	0.21	99	69
Puritan Pottery Plaster	66	27 - 37	2400	0.22	100.5	85
Regular Dental Plaster	70	19 - 22	2000	0.2	99	69
Laboratory Dental Plaster	70	4 - 9	2000	-	99	69
Impression Dental Plaster	70	3.5 - 5	2000	-	99	69
Metal Casting Plaster	130	25 - 35	-	0.1	84	41

GYPSUM CEMENTS

Basic Hydrocal Products

Hydrocal White	45	25 - 35	5000	0.39	110.6	90
Hydrocal Grey	45	25 - 35	5000	0.39	110.6	90
Statuary Hydrocal	40	25 - 35	6000	0.25	113.7	90
Hydrocal 105	40 - 42	7 - 10	6000	0.2	-	-
Hydrocal 106	40 - 42	7 - 10	6000	0.2	-	-
Hydrocal B base	40 - 42	20 - 35	6000	0.42	-	-
Hydrocal C base	36	20 - 35	7000	0.35	-	-

Low expansion hydrocal products

Hydrocal A-11	42	16 - 20	5500	0.12	112.5	93.8
Hydrocal B-11	44	25 - 35	4500	0.11	111.2	91.6
Ultracal 30	38	25 - 35	6000	0.08	115	99
Ultracal 60	39	75 - 90	7000	0.065	114.4	97.5

High strength hydrocal products

Hydrostone	32	17 - 20	10000	0.24	119.4	108.7
Hydrostone Super X	22	17 - 20	13500	0.3	129	127.1
Ceramical	40	18 - 23	6500	0.165	113.7	96

Specialty products

Hydroperm	100	12 - 19	-	0.14	40	-
Hydrocal FGR	30	50 - 70	-	-	112	101.6
Duracal Cement	26	120 - 180	10500	0.2	131	110
Fastcast	25	25 - 35	8000	0.1	-	-
Gardencast	25	25 - 35	8000	0.1	-	-