

**G-P Gypsum**

a Georgia-Pacific company



## ANCHORING CEMENT

General Recommendation for Use:

Use Consistency (cc/100gms)	28
Vicat Set Time (minutes)	10 - 20
% Set Expansion	0.125 - 0.25
Expected Compressive Strength (PSI)	11,000
Expected Compressive Strength (PSI) (Based on 1 hour.)	4000

\*Measured at Use Consistency

\*Use Consistency is G-P Gypsum's recommended lbs. of water per 100 lbs. of plaster for using this product.

### **Description:**

Anchoring cement has self-leveling properties and should be mixed to a thick syrup-like consistency. Anchoring Cement is a high strength, fast setting, gypsum cement for use in anchoring bolts, machinery and ornamental iron work in concrete.

### **Mixing Ratio:**

One part water to 3.5 parts G-P Gypsum's Anchoring Cement, by volume.

### **Mixing Instructions:**

For best mixing results, sift the Anchoring Cement powder into the proper amount of water. Allow the mixture to stand undisturbed for approximately 30 seconds to get the proper saturation of powder and help alleviate air pockets. Blend the mixture until an even consistency is achieved. G-P Gypsum can vary the setting time of the material to meet customer's specification.

### **Anchoring Cement as a Set Modifier in Concrete:**

To help accelerate Portland cement, G-P Gypsum's Anchoring Cement can be used. Depending on how fast you want your Portland cement to set, substitute between 1 to 5 pounds of Anchoring Cement for every 10 pounds Portland cement. The more Anchoring Cement added to the mix, the faster the setting time. For best results, blend the GP Anchoring Cement with the Portland cement dry before adding the mix to the water.

## PHYSICAL TESTING OF ANCHORING CEMENT

### Cubes Tested in Wet Conditions

Cube	Total Load	PSI
1	21563	5390
2	21146	5290
3	21753	5440
4	20490	5120
5	21011	5250
6	21972	5490
Average		5330

### Cubes Oven Dried 24 Hours

Cube	Total Load	PSI
1	26247	6560
2	25982	6500
3	30609	7650
4	26356	6590
5	32213	8050
6	31359	7840
Average		7200

### Cubes Dried to Constant Weight

Cube	Total Load	PSI
1	45238	11310
2	48342	12090
3	46833	11710
4	45552	11390
5	47394	11850
6	48730	12180
Average		11780

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**For more information, call 1-888-PLASTER.**