



**CAPPING GYPSUM**

# S - 350

**FAST! EFFICIENT! SUPER HIGH STRENGTH!**  
**REACH 350 kgf/cm<sup>2</sup> WITHIN 30 MINS**



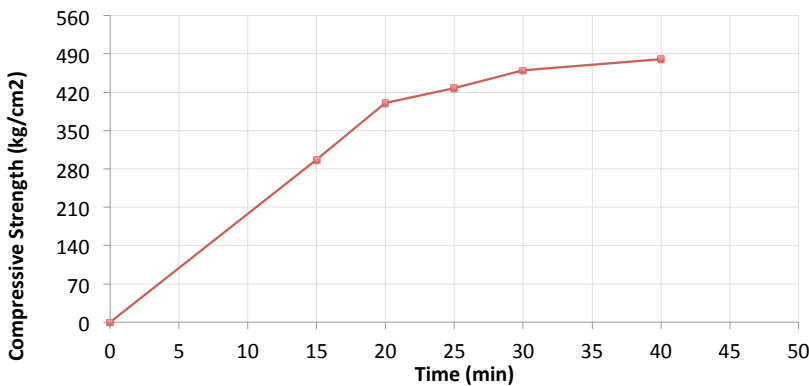
**350 kgf/cm<sup>2</sup>**  
**(35 MPa or 5000 psi)**  
**in 30 mins**  
**water ratio:**  
**23~24%**

**23% = 100g S-350 : 23g water**

1.S-350 and S-420 are the most popular products of Capstone Series. In particular, S-350 occupies around 60% among all ongoing capping gypsum sales quantity. For common housing cases, the concrete compressive strength is between 2000psi to 3000psi. S-350 offers the strength of 5000psi which is much higher than the normal usage. Hence it is reliable for general test.

2.The water- gypsum ratio for S-350 is recommended to be 23~24%. After mixing with water for 30 mins., the gypsum will fully hardened and reach the strength over 350 kgf/cm<sup>2</sup>,equals to 5000psi.

### Compressive Test Data



### Compressive Strength and Maximum Thickness of Capping Materials

Cylinder Compressive Strength kgf/cm <sup>2</sup> (psi)	Maximum Thickness Average Thickness of Cap	Maximum Thickness Any Part of Cap
350 kgf/cm <sup>2</sup> (5000 psi)	6 mm	8 mm

\* ASTM C617 TABLE 1

1. According to the regulations of U.S. ASTM C617 standard, it is allowed to use high strength gypsum in capping cylindrical concrete specimens. Compared with other methods, gypsum capping is the most convenient, rapidest, and safest capping method.
2. TAIWAN CAPSTONE uses 100% pure gypsum to produce the high strength capping gypsum without adding extra filler. This procedure conforms to the regulations of ASTM C617 5.3.1 standard.
3. The water-gypsum ratio for S-350 is recommended to be 23~24%. After mixing with water for 30 mins, the gypsum will be fully solidified and reach the strength of 350 kgf/cm<sup>2</sup>, so when removing the cover board, it will not cause any flaw.
4. Country of origin: Taiwan