



CAPPING GYPSUM

S - 560

FAST! EFFICIENT! SUPER HIGH STRENGTH!
REACH 560 kgf/cm² WITHIN 30 MINS



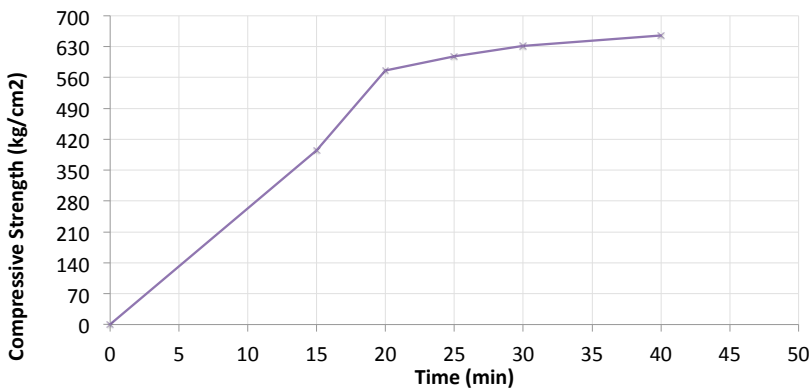
560 kgf/cm²
(56 MPa or 8000 psi)
in 30 mins
water ratio:
17~18%

17% = 100g S-560 : 17g water

1.S-560 represents the extremely high strength gypsum, which is exclusive in capping gypsum application. Many government critical construction in Taiwan requested S-560 as the capping material. Such as high-speed railroad, high way, bridge, etc. The extremely high strength gypsum S-560 is believed to be a trend in the near future.

2.The water-gypsum ratio for S-560 is recommended to be 17~18%. After mixing with water for 30 mins., the gypsum will fully hardened and reach the strength over 560 kgf/cm², equals to 8000psi

Compressive Test Data



Compressive Strength and Maximum Thickness of Capping Materials

Cylinder Compressive Strength kgf/cm ² (psi)	Maximum Thickness Average Thickness of Cap	Maximum Thickness Any Part of Cap
560 kgf/cm ² (8000 psi)	3 mm	5 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-560 is recommended to be 17~18%. After mixing with water for 30 mins, the gypsum will be fully solidified and reach the strength of 560 kgf/cm², so when removing the cover board, it will not cause any flaw.
4. Country of origin: Taiwan