



## CAPPING GYPSUM

# S - 630

**FAST! EFFICIENT! SUPER HIGH STRENGTH!**  
**REACH 630 kgf/cm<sup>2</sup> WITHIN 40 MINS**



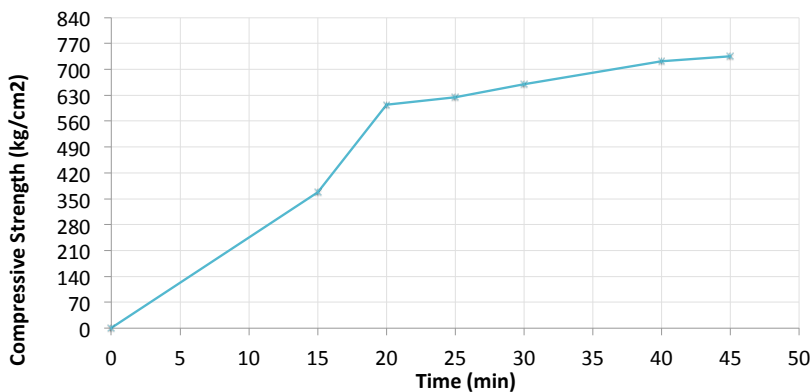
**630 kgf/cm<sup>2</sup>**  
**(63 MPa or 9000 psi)**  
**in 40 mins**  
**water ratio:**  
**15.5~16%**

15.5% = 100g S-630 : 15.5g water

1.S-630 is the newest product launched in 2012. The strength has reached 9000psi unbeatably. It shows the highest technique of capping gypsum at present all over the world and the R&D ability of TAIWAN CAPSTONE Lab. The holding time is slightly longer than any other products at 40 mins. It fits the highest strength concrete compressive test.

2.The water- gypsum ratio for S-630 is recommended to be 15.5~16%. After mixing with water for 40 mins., the gypsum will fully hardened and reach the strength over 630 kgf/cm<sup>2</sup>, equals to 9000psi.

### 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
630 kgf/cm <sup>2</sup> (9000 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-630 is recommended to be 15.5~16%. After mixing with water for 40 mins, the gypsum will be fully solidified and reach the strength of 630 kgf/cm<sup>2</sup>, so when removing the cover board, it will not cause any flaw.
4. Country of origin: Taiwan