

UNION

SUPER STRENGTH 40 (TYPE 1P)

- General-purpose cement ; Blended with mineral additives
- Able to achieve compressive strength of up to 40 Mpa after 28 days
- Designed for higher levels of workability and improved yield that exceeds both Philippine and international standards.

Summary of Test Results (CTC, SGS, DPWH)

Typical Compressive Strength (in Mpa)	PNS 63 Type 1P	ASTM C595 Type 1P	UNION SUPER STRENGTH 40
3 Days	13 (min)	13 (min)	21.3 Mpa
7 Days	20 (min)	20 (min)	30.9 Mpa
28 Days	25 (min)	25 (min)	41.5 Mpa

Union Super Strength Concrete Performance Comparing different brands; 7 bags

Brand A Type 1P		Union Super Strength 40	
7 bags		7 bags	
Slump = 6		Slump = 5.75	
3 day strength (psi) (2018)		3 day strength (psi) (2018)	
Sample 1	669	Sample 1	1,268
Sample 2	687	Sample 2	1,205
Sample 3	698	Sample 3	1,375
AVERAGE	685	AVERAGE	1,283
DIFFERENCE = 598			



**STRENGTH AFTER
3 DAYS**

Brand A Type 1P		Union Super Strength 40	
7 bags		7 bags	
Slump = 6		Slump = 5.75	
10 day strength (psi) (2018)		10 day strength (psi) (2018)	
Sample 1	1,564	Sample 1	2,956
Sample 2	1,420	Sample 2	3,223
Sample 3	1,640	Sample 3	2,915
AVERAGE	1,541	AVERAGE	3,031
DIFFERENCE = 1,490			



**STRENGTH AFTER
10 DAYS**



*Basta semento,
i-UNION mo!
CEMENT*



FOR USE IN



ROAD CONCRETING



PRE-CAST APPLICATION