



흙 고화제(T.GSC)를 이용한 현지토 고품화 기술

제 GT-11-00204

SiRim Test Report Malaysia

T.GSC Soil Concrete

현지토 + T.GSC + T.GSC#101 + 시멘트

2002. 02.



주식회사 티엔지

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TEST REPORT

REPORT NO : 2001CB0988	PAGE : 1 OF 2
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Our Ref. : SQAS/CBMT/T.REC/CSL/02
 Issued by : Construction and Building Materials Testing Section
 Issued date : 26 DEC 2001
 Product : Concrete Cube
 Reference Standard/ Method of test : MS 26 : Part 2 : 1991
 Method of Testing Concrete
 Part 2 : Method of testing hardened concrete
 Section three : Method for determination of the compressive concrete cubes.
 Applicant : SURE PHOENIX SDN. BHD.
 No. 24, 1st Floor, Plaza City One
 Jalan Munshi Abdullah
 50100 Kuala Lumpur
 Manufacturer : SAMJI DEVELOPMENT CO. LTD.
 Description of sample : 4 nos. of concrete were received for testing.
 Brand : Soil Concrete
 Date received : 11/12/2001
 Job No. : 01TSD3838

Approved Signatories:

Y.M. Raja Nor Siha
 (Y.M. RAJA NOR SIHA)
 Senior Technical Executive



Mohd. Fauzi Ismail
 (MOHD. FAUZI ISMAIL)
 Manager
 Construction and Building Materials Testing Section
 Testing Services Department

TEST REPORT

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COMPRESSIVE STRENGTH FOR CONCRETE CUBES

Submitted By : Sure Phoenix Sdn. Bhd.
 Brand : Soil Concrete Cube
 No. of Specimen : 4 Nos.
 Size of Specimen : 150 mm x 150 mm x 150 mm.
 Testing Date : 11.12.2001.

FACT #1
THIS FIGURE IS USED
FOR CALCULATION
 curing 7days only

Specimen Reference	Casting Date	Density (kg/m ³)	Compressive Load (kN)	Compressive strength (MN/m ²)
WS 1	04.12.2001	1310	17.8	0.80
FS 1	13.11.2001	1970	209.3	9.30
NS 1	27.11.2001	2250	539.0	24.0
NS 2	27.11.2001	2200	766.0	34.0



J. Lee
 26 DEC 2001



SIRIM QAS SDN. BHD. (Company No. 410334-X)
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TEST REPORT

REPORT NO : 2002CB0078	PAGE : 1 OF 2
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Our Ref. : SQAS/CBMT/T.REC/CSL/02

Issued by : **Construction and Building Materials Testing Section**

Issued date : **04 FEB 2002**

Product : K.G.S.C. Soil Concrete Cube

Reference Standard/ Method of test : MS 26 : Part 2 : 1991
 Method of Testing Concrete
 Part 2 : Method of Testing Hardened Concrete
 Section Three : Method for Determination of the Compressive Concrete Cubes

Applicant : SURE PHOENIX K.G.S.C. ENGINEERING & CONSTRUCTION SDN. BHD.
 No. 24, 1st Floor, Plaza City One
 Jalan Munshi Abdullah
 50100 Kuala Lumpur

Manufacturer : KI-JIN CO., LTD.
 781 Daechon-Dong, Dal Seogu, Daegu, Korea.

Description of sample : 3 nos of Concrete Cubes were received for testing.
 Brand : K-G.S.C.
 Marking : N.S (NORMAL SOIL)

Date received : 30/1/2002

Job No. : 02TSB0355

Approved Signatories:

YM Raja Nor Siha
 (YM RAJA NOR SIHA)
 Senior Technical Executive



Mohd. Fauzi Ismail
 (MOHD. FAUZI ISMAIL)
 Manager
 Construction and Building Materials Testing Section
 Testing Services Department

TEST REPORT

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28 DAYS COMPRESSIVE STRENGTH FOR CONCRETE CUBES

Submitted By : SURE PHOENIX K - G . S . C .
 ENGINEERING & CONSTRUCTION
 SDN. BHD.

Brand : K - G . S . C .

No. of Specimen : 3 Nos.

Size of Specimen : 150 mm x 150 mm x 150 mm.

Testing Date : 30.1.2002

Specimen Reference	Density (kg/m ³)	Compressive Load (kN)	Compressive Strength (MN/m ²)
NS 1	1640	102.2	4.5
NS 2	1670	134.6	6.0
NS 3	1510	63.7	3.0



Mohd. Fauzi Ismail
 04 FEB 2002



SIRIM QAS SDN. BHD. (Company No. 410334-X)
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Our Ref. : SQAS/CBMT/T.REC/CSL/02
 Issued by : Construction and Building Materials Testing Section
 Issued date : 04 FEB 2002
 Product : K.G.S.C. Soil Concrete Cube
 Reference Standard/ Method of test : MS 26 : Part 2 : 1991
 Method of Testing Concrete
 Part 2 : Method of Testing Hardened Concrete
 Section Three : Method for Determination of the Compressive Concrete Cubes
 Applicant : SURE PHOENIX K.G.S.C. ENGINEERING & CONSTRUCTION SDN. BHD.
 No. 24, 1st Floor, Plaza City One
 Jalan Munshi Abdullah
 50100 Kuala Lumpur
 Manufacturer : KI-JIN CO., LTD.
 781 Daechon-Dong, Dal Seogu, Daegu, Korea.
 Description of sample : 4 nos of Concrete Cubes were received for testing.
 Brand : K-G.S.C.
 Marking : F.S (FINE SOIL)
 Date received : 30/1/2002
 Job No. : 02TSB0356

Approved Signatories:

Y M Raja Nor Siha
 (Y M RAJA NOR SIHA)
 Senior Technical Executive



MOHD. FAUZHMAIL
 (MOHD. FAUZHMAIL)
 Manager
 Construction and Building Materials Testing Section
 Testing Services Department

TEST REPORT

REPORT NO : 2002CB0079 PAGE : 2 OF 2

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28 DAYS COMPRESSIVE STRENGTH FOR CONCRETE CUBES

Submitted By : SURE PHOENIX K - G. S. C.
 ENGINEERING & CONSTRUCTION
 SDN. BHD.

Brand : K - G. S. C.

No. of Specimen : 4 Nos.

Size of Specimen : 150 mm x 150 mm x 150 mm.

Testing Date : 30.1.2002

Specimen Reference	Density (kg/m ³)	Compressive Load (Kn)	Compressive Strength (MN/m ²)
FS 1	1780	47.4	2.0
FS 2	1800	47.8	2.0
FS 3	1770	44.2	2.0
FS 4	2110	609.0	27.0



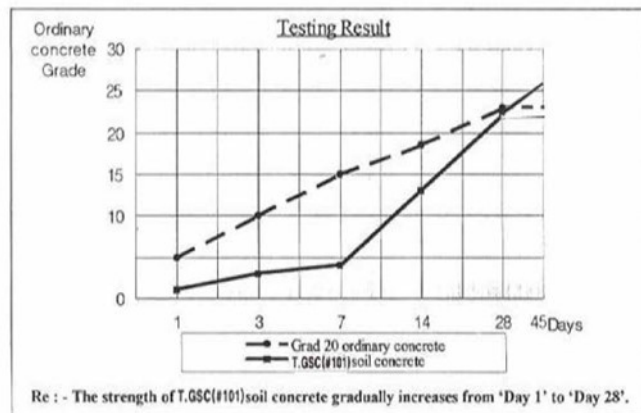
04 FEB 2002

Compressive strength of T.GSC(T.GSC#101) soil concrete cubes
SIRIM QAS SDN. BHD. Testing results report

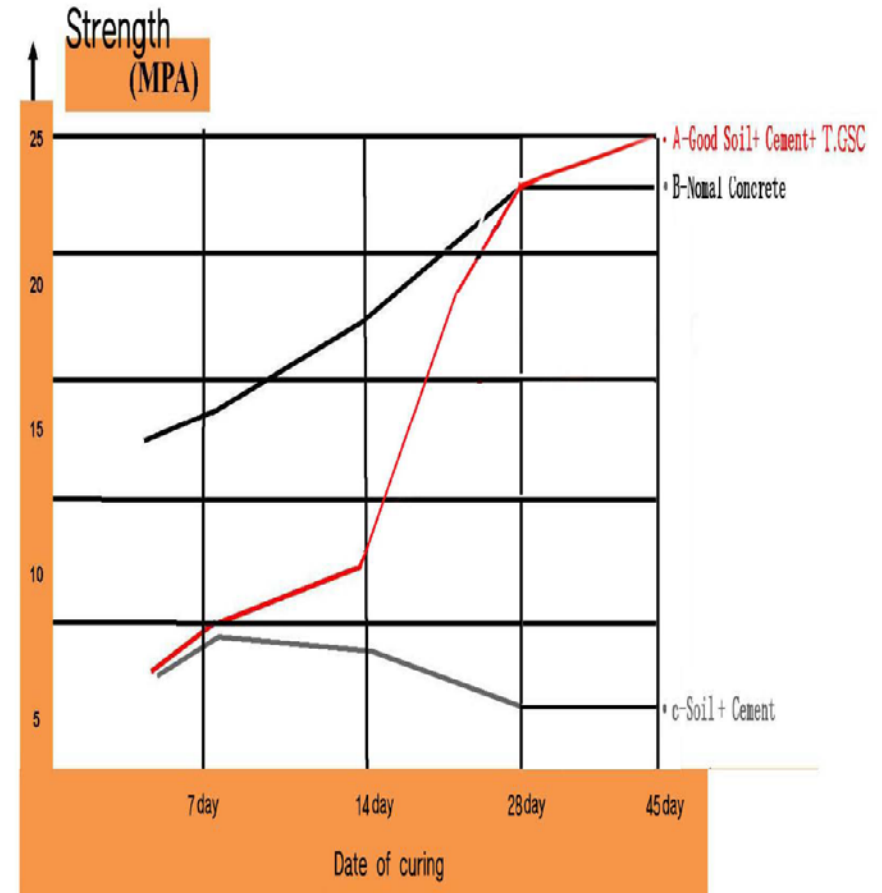
Submitted by : SURE PHOENIX Engineering & Constructions SDN. BHD.
 Manufacturer : KIJIN Industry Co., LTD.
 Product : T.GSC(#101) soil concrete
 Size of specimen : 150 mm x 150 mm x 150 mm
 Testing date : 11. 12. 2001
 Reference standard : MS 26 : part2 : 1991
 Method of test : Method of testing concrete
 part2 ; method of testing hardened concrete
 section three ; method for determination of the compressive concrete cubes

Specimen Reference	Density	Compressive Load (KN)	Compressive Strength (MN/m ²)	Age
Weak soil	1310	51.5	2.5	7 DAYS
Weak soil	1640	92.6	4.0	14 DAYS
Weak soil	1620	114.5	5.0	28 DAYS
Good soil	1800	47.8	2.0	7 DAYS
Good soil	1970	209.3	9.3	14 DAYS
Good soil	2110	607.0	27.00	28 DAYS
Normal soil	1670	102.0	6.0	7 DAYS
Normal soil	2200	539.0	24.0	14 DAYS
Normal soil	2250	766.0	34.0	28 DAYS
Average	1594	67.1	4.0	7 DAYS
Average	1937	281.0	13.0	14 DAYS
Average	1994	496.0	22.00	28 DAYS

SIRIM test result of T.GSC(#101)soil concrete cube graphic of soil concrete strength average & contrasted ordinary concrete grade 20 cube strength



Expressed by the number of days the average intensity of the curing



Strength test under the same conditions (cement is the aggregate amount of 15%)

T&G Co., Ltd with You!



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CEO. Hyang Gyun- Shin

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