

SGS Korea Co., Ltd.	Issue No. : CMT2020-1131R1
Construction Materials Testing Center	
Address : 20,Dongtansandan 10-gil,Dongtan-myeon, Hwaseong-si, Gyeonggi-do, Korea, 18487	
t +82(0)31 669-0600 Fax +82(0)31 646 0888	
https://www.sgsgroup.kr	

1. Applicant

- Company : HANIL CEMENT Co., Ltd.
- Address : 330, Gangnam-daero, Gangnam-gu, Seoul, Korea
- Receipt Date: December 09, 2019

2. Test Purpose : Maintenance of quality

3. Sample Description : Polyfix 1000

4. Date of Test : December 16, 2019 ~ February 10, 2020

5. Location of Test : ☒ Permanent Testing Lab ☐ On Site Testing

(address : Concrete / Mortar Laboratory, SGS Korea Co., Ltd, 20 ,Dongtansandan 10-gil, Dongtan-myeon, Hwaseong-si, Gyeonggi-do)

6. Test Results :

No.	Test Items			Units	Test Methods	Results
1	Correction of position			min	KS L 1592 : 2011	Orver 20
2	Open time			min		Orver 30
3	Shear bond strength	7 days Air dry curing	A type	N/mm ²		2.16
		4 weeks Air dry curing	A type	N/mm ²		2.94
		4 weeks Air dry curing after freezing and thawing	A type	N/mm ²		2.47
4	Length change			%		0.06
5	Rate of return			%		89

※ Mix Proportion \Rightarrow powder : water = 100 : 30.0(weight ratio)

※ This test report supersedes the Report No. CMT2020-1131

-End-

Duplicate

Tester : Moon, SeungKwon
Tel : 031-646-0811

문승권

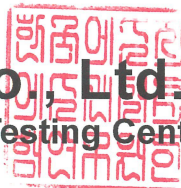
Technical Manager : Kim, DongHoon
Tel : 031-646-0812

김동훈

- Remarks :
- The results shown in this report refer only to the sample(s) submitted by applicant. This test report can not be reproduced or used other than the test purpose stated in above.
 - The authenticity of the test report can be confirmed on the SGS website. (<http://e-checking.kr.sgs.com/construction/>)

May 20, 2020

SGS Korea Co., Ltd.
Construction Materials Testing Center



Page 1 of 1

This document is issued by the Company under its General Conditions of Service accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

COP-708-001-F09 (01)

SGS Korea Co., Ltd.

20 ,Dongtansandan 10-gil, Dongtan-myeon, Hwaseong-si, Gyeonggi-do, Korea, 18487 t +82(0)31 646 0800 f +82(0)31 646 0888 www.sgs.com

Member of SGS Group(Société Générale de Surveillance)

