

**SGS Korea Co., Ltd.**

Construction Materials Testing Center

Issue No. : CMT2020-1148R1

Address : 20,Dongtansandan 10-gil,Dongtan-myeon, Hwaseong-si, Gyeonggi-do, Korea, 18487

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<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 : Dry ready mixed cement mortar(joint 1)

## 4. Date of Test : December 16, 2019 ~ January 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	Compressive strength	7 Days	KS L 5220 : 2018	23.1
		28 Days		34.8
2	Air content	%		7.7
3	Max sand	4.0mm		100
		4.75mm		100

※ Mix Proportion  $\square$  powder : water = 100 : 15.0(weight ratio)

※ This test report supersedes the Report No. CMT2020-1148

-End-

**Duplicate**

Tester : Moon, SeungKwon

Tel : 031-646-0811

Technical Manager : Kim, DongHoon

Tel : 031-646-0812

- Remarks :
1. 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.
  2. The authenticity of the test report can be confirmed on the SGS website. (<http://e-checking.kr.sgs.com/construction/>)

May 20, 2020

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