

**SGS Korea Co., Ltd.**

Construction Materials Testing Center

Issue No. : CMT2020-1142R1

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## 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 : REMIGUARD SCP-B

## 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	Flow change	%	KS F 4716 : 2016	5
2	Bond strength	Standard conditions curing		1.9
		Low temperature curing		1.7
3	Crack resistance	-		Normal
4	Impact resistance (W2-1000, H-50 <sub>cm</sub> )	-		Normal
5	Water absorption coefficient	kg/(m <sup>2</sup> ·h <sup>0.5</sup> )		0.18
6	Resistance to repeated action of the hot and cold	Appearance		Normal
		Bond strength		1.5
7	Moisture penetration resistance(S <sub>d</sub> )	m	KS F 4042 : 2012	0.9
8	Seepage quantity	g		1.8
9	Alkali resistance	MPa		42.8

※ Mix Proportion REMIGUARD SCP-B : RG-SCP(AD) = 1 : 0.30(weight ratio)

※ Bond Strength Test Conditions : After coating RG-Primer(A) to the base plate on the test specimens produced.

※ This test report supersedes the Report No. CMT2020-1142

-End-

**Duplicate**

Tester : Moon, SeungKwon  
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문승권

Technical Manager : Kim, DongHoon  
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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

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