

HYUNDAI INSTITUTE OF CONSTRUCTION TECHNOLOGY
Test Report

Address: #102-4 Mabuk-ri, Goosung-myun, Yongin-City, Gyonggi-Do 449-710, Korea

Tel: (031) 280-7056 8 Fax: (031) 280-7090 7070

Issue No. : 0002-007

Receipt Date : 17 January 2000

Applicant : Jong-Yoon Chun

Test Date : 29 January 2000

Name of Company : Acourete Co., Ltd.

Name of Test Sample : Mat Resin

The attached is a test result of the sample submitted by the applicant, and the name of the

Test Result

Please refer the attached test report.

Tester : Il-Seop Shin (Signed)	Technical Supervisor : Dae-Woo Lee (Signed)
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Remarks : Attachment (Test Summary)

sample is the name presented by the applicant. This test report is not to be re-issued without an approval of Director of Hyundai Institute of Construction Technology.

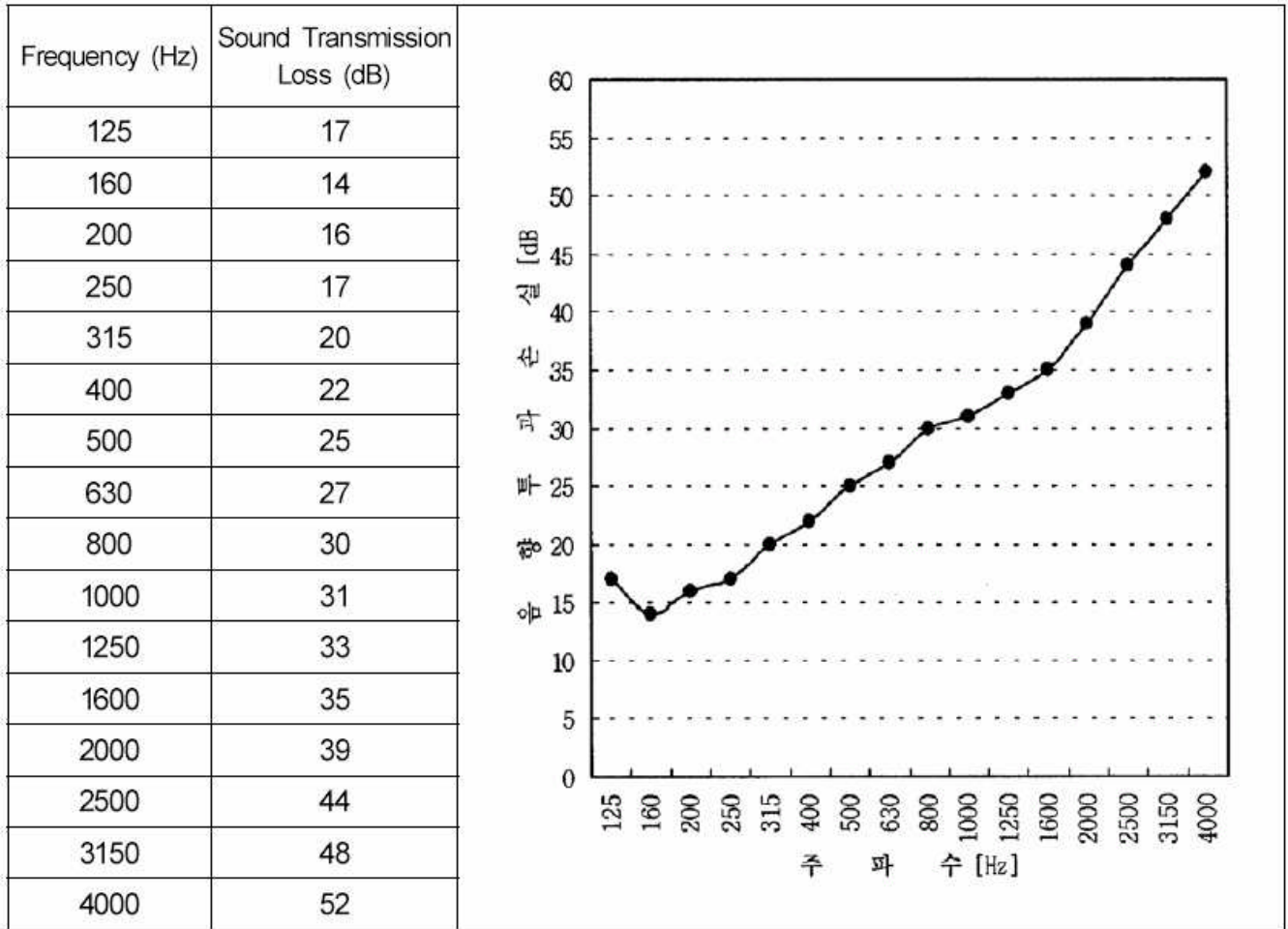
17 February 2000

DIRECTOR OF HYUNDAI INSTITUTE OF CONSTRUCTION TECHNOLOGY

※This Institute is a official test agency recognized by KOLAS

※The above test item is the item recognized by KOLAS

Test Result



Test Summary :

Description	Contents	
Reverberation room summary	Sound source room	Sound receiving room
	Room shape :	Pentagon / 7 sides
	Volume :	314.0m ³
	Measuring minimum frequency :	80Hz
Room surface area :	276m ²	
Size of sample	Area : 10m ²	Size : 2.5m x 4.0m
Test item & specification	KS F 2808 Method for Laboratory of Sound Transmission Loss	
Measurement equipments	Sound receiving equipments : Microphone (Type 4192, B&K) Preamplifier (NH-04, Rion) Analyzing equipment : Signal analyzer (SA28, Rion) Sound transmission loss measurement S/W (Rion)	
Condition of temperature & humidity	Temperature : 20	Humidity : 50%

KATRI KOREA INDUSTRY MATERIAL RESEARCH CENTER

232-22 Yongdoo-dong, Dongdaemoon-Gu, Seoul
Dongdaemoon PO Box No.132



Test Report

KATRI NO : SE9 - IM0227

Date : 20 march 1999

Applicant : Acourete Co., Ltd.

Test Sample : Mat Resin

The test result for sample submitted by 17/03/1999 are as follows

Test result

Test item	-----
	Sample

Flame retardant efficiency

(Sub-section 5, Section 50 of the Fire Service Act, Notification No. 1997-40, Ministry of Home affairs)

Residual flame time (sec)	0.1
Residual spark time (sec)	0.0
Carried length (cm)	8.5
Carried area (cm ²)	45.5

(Remarks)

1. Method of Mackel burner
2. Spark length (cm) : 6.5
3. Flame contact time (sec) : 120
4. Measurement of carried length and area of entire sample that change of exterior appearance is recognized after the test.
5. Flame retardant efficiency standard of "Interior decorating material"

Residual flame time (sec)	within 10
Residual spark time (sec)	within 30
Carried length (cm)	within 20
Carried area (cm ²)	within 55

* The above test method is the test standard presented by the applicant.

KATRI

DIRECTOR OF KOREA INDUSTRY MATERIAL RESEARCH CENTER

- ❖ The name of the test samples is the name presented by the applicant. The test result is the result of the test for the test samples. This report is prohibited to use for lawsuit and legal procedure.
- ❖ Korea Industry Material Research Center is an organization of KATRI (KOREA APPAREL TESTING & RESEARCH

INSTITUTE)

K O T R I C
CONSTRUCTION MATERIAL CENTER

Youngdungpo-Gu, Dong 8Ga 88-2, Seoul, Korea, 150-038

TEL.82-2-2635-6100 FAX.82-2-2634-1008

TEST REPORT

Report No : TAS-021330

Name of Company : Acourete CO., LTD.

Receipt Date : November 22, 2000

Test Date : December 1, 2000

Sample Name : Mat Resin Series

TEST RESULT

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Pb	mg/l		0.04	Waste Process Test Method
Cu	mg/l		0.21	Waste Process Test Method
As	mg/l		Not detected	Waste Process Test Method
Hg	mg/l		Not detected	Waste Process Test Method
CN	mg/l		Not detected	Waste Process Test Method
Cr ⁶⁺	mg/l		Not detected	Waste Process Test Method
Cd	mg/l		Not detected	Waste Process Test Method

Usage : Quality control

Note : 1. This test report shall not be used outside the purpose of its defined usage.

2. The result have been made for the sample presented by the client, and it is the decision of the client naming the presented sample.

Testing Personnel : Sang-Ho Hahn

Approval Staff : Choong-Kwan Kim

* This Test Laboratory is an organization accredited by KOLAS (Korea laboratory Accreditation Scheme)

December 1, 2000

**DIRECTOR GENERAL, KOREA TESTING &
RESEARCH INSTITUTE FOR CHEMICAL INDUSTRY
CONSTRUCTION MATERIAL CENTER**

KATRI KOREA APPAREL TESTING & RESEARCH INSTITUTE

232-22 Yongdoo-dong, Dongdaemoon-Gu, Seoul
Dongdaemoon PO Box No.132

Test Report

KATRI NO : GE2 - 02568

Date : 2002. 3. 18

Applicant : Acourete Co., Ltd.

Sample : Mat Resin

The test result for sample submitted by 2002. 3. 13 are as follows

Test Item	Test Result
	Sample
Water resistance (cm) : KS K 0591	889.6
Resistance to surface wetting : KS K 0590 (Spray method)	4. 4. 4

DIRECTOR OF KOREA APPAREL TESTING & RESEARCH INSTITUTE

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