

To, ACOURETE CO., LTD

Certificate Number R07-0127

Certification Date 2007.04.11

TEST REPORT

Mat Resin



360-1, W0RAM-DONG, UIWANG-SI GYEONGGI-DO, KOREA 437-757

TEL : +82-31-460-5506

FAX : +82-31-460-5509



TEST REPORT

Certificate No.	R07-0127
Client	ACOURETE CO., LTD
Receipt No.	ACOURETE CO., LTD
Receipt No.	T07-0085
Test Date	2007. 3. 28 — 2007. 4. 5
Commodity	MAT RESIN
Test Standard	Flame Spread Index (ISO 5658:1996)

Test Record

Test Report

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Total 2 page

Uses: Quality Control

Note : This result of testing has been made for the commodities provided by the applicant. Except for the defined uses, this report should not be used.

Tester : Duck- Hee Lee  Technical Manager: Woo-Sung Jung 

(Date) 2007 04 11

(Certificated by) President of Korea Railroad Research Institute



• The test results of this report are authorized by the Korea Laboratory Accreditation Scheme that signed the Mutual Recognition Arrangement of the International Laboratory Accreditation Cooperation.

Certificate No. R07-0127

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TEST REPORT



MAT RESIN / Spread of Flame

Commodity	Test Result					
	No.	Time to Ignition (s)	Extern of burn (mm)	CFE (kW/m ²)	C _{ip} (kW)	Q _{sb} (MJ/m ²)
MAT RESIN	1st	13	410	17.3	0.58	1.92
	2nd	11	400	18.2	0.57	2.40
	3rd	14	405	17.7	0.58	1.84
	Average	12	405	17.7	0.57	2.05

CFE : Critical flux at extinguishment, Q_t : Total Heat Release
 q_p : Peak heat release, Q_{sb} : Average heat for sustained burning
Specimen 800 mm x 150 mm x 1.5 mm(t)

