

CERTIFICATE OF ACCREDITATION

Institute of Construction Quality Technology

Accreditation No. : KT853

Corporation Registration No. : 134511-0289874

Address of (Branch site) 995-16, Baran-ro, Jeongnam-myeon, Hwaseong-si,
Laboratory : Gyeonggi-do, Republic of Korea

Date of Initial Accreditation : June 13, 2019

Validity of Accreditation : June 13, 2019 ~ June 12, 2023

Scope of Accreditation : Attached Annex

Date of issue : December 14, 2020

This testing laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025 : 2017. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to Joint ISO-ILAC-IAF Communiqué).



LEE Seung Woo

Head

Korea Laboratory Accreditation Scheme

Korea Laboratory Accreditation Scheme

No. KT853

01. Mechanical Testing

01.001 Metals and Related Products

Test method	Standard designation	Test range	Site	Field testing
KS B 0802:2018	METHOD OF TENSILE TEST FOR METALLIC MATERIALS	Max. 2 000 kN	BS	N
KS B 0804:2016	Metallic materials - Bend test	(0~180)°	BS	N

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01. Mechanical Testing

01.003 Cement and Related Products

Test method	Standard designation	Test range	Site	Field testing
KS F 2405:2010	STANDARD TEST METHOD FOR COMPRESSIVE STRENGTH OF CONCRETE	Max. 2 000 kN	BS	N
KS F 2422:2017	Standard test method for obtaining and testing drilled cores and sawed beams of concrete	Max. 2 000 kN	BS	N

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01. Mechanical Testing

01.004 Aggregates and Related Products

Test method	Standard designation	Test range	Site	Field testing
KS F 2518:2015	STANDARD TEST METHOD FOR ABSORPTION AND BULK SPECIFIC GRAVITY OF STONE 2. Absorption test 3. Bulk Specific Gravity test	(0~30 000) g	BS	N
KS F 2519:2015	STANDARD TEST METHOD FOR COMPRESSIVE STRENGTH OF NATURAL BUILDING STONE	Max. 2 000 kN	BS	N

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01. Mechanical Testing

01.010 Plastics and Related Products

Test method	Standard designation	Test range	Site	Field testing
KS M 3808:2020	cellular polystyrene(ps) for thermal insulation 6.4 Appearance 6.5 Dimensions 6.6 Density 6.7 Thermal Conductivity 6.8 Flexural strength 6.9 Compressive Strength 6.11 Combustibility	- Min. 0.01 mm Min. 0.1 kg/m ³ Min. 0.015 W/(mk) Min. 0.1 N Min. 0.01 N/cm ² Min. 0.01 g/ 100 cm ³	BS	N
KS M 3809:2020	thermal insulation material made of rigid urethane foam 6.4 Appearance 6.5 Dimensions 6.6 Density 6.7 Flexural strength 6.8 Curved strength 6.9 Compressive Strength 6.11 Combustibility	- Min. 0.01 mm Min. 0.1 kg/m ³ Min. 0.015 W/(mk) Min. 0.01 N Min. 0.01 N/cm ² Min. 0.01 g/ 100 cm ³	BS	N

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02. Chemical Testing

02.023 Air Quality

Test method	Standard designation	Test range	Site	Field testing
KS M 1998:2017	Determination of the emission rate of formaldehyde and volatile organic compounds in building interior products	(0.001 ~ 30) mg/m ³ ·h	BS	N
The National Institute of Environmental Notification No.2018-64: (2018.12.21)	ES 02131.1C Determination of emission of volatile organic compounds and formaldehyde from building materials by small-scale emission test chamber method	(0.001 ~ 30) mg/m ³ ·h	BS	N

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04. Heat and Temperature Measurement

04.001 Temperature and Humidity

Test method	Standard designation	Test range	Site	Field testing
KS L 9016:2010	Test methods for thermal transmission properties of thermal insulations	(0.001~0.150) W/(m·K)	BS	N

End.