

CERTIFICATE OF PRODUCT COMPLIANCE

Certificate No. PC00001

ACES hereby attest under compliance with ISO 17065 that the listed products:

QRW ROCKWOOL SLAB-NONE
QRW ROCKWOOL SS WIRE MESH BLANKET
QRW ROCKWOOL SLAB ALUMINUM

Manufactured by:

QATAR ROCKWOOL AND MINERAL FIBERS FACTORY

FACTORY 339, STREET 7, SECTOR 81, NEW INDUSTRIAL AREA,

Doha – Qatar, PO Box 202086

Tel: 00974 4441 0026 Fax: 00974 4476 3933

Email: info@qatarockwool.com

Have been assessed in accordance with the requirements of the
Technical Scheme denoted below and are approved for use
subject to the conditions appended hereto:

TECHNICAL SCHEME ACES/SM/02

BUILDING MATERIALS, PRODUCTS AND ASSEMBLIES SYSTEM “THERMAL INSULATION PRODUCTS”

Accordingly, ACES hereby authorize the above manufacturer
to affix the ACES Product Conformity Mark
on the above-mentioned product(s).


Eng. Ghaleb Al Zubi
Managing Director

Issued : 14-05-2023
Expiration: 13-05-2025





Arab Center
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This certificate attests all provisions concerning the evaluation of the performance under characteristics which are applied and the product(s) fulfil(s) all prescribed requirements set out in this certificate.

	ITT TEST REPORT	AUDIT REPORT	CERTIFICATE OF COMPLIANCE
Number:	TMQ23002584 TMQ23002585 TMQ23002583 TEQ23001035 TEQ23001037 TEQ23001036 AB-0001-T/454201/02-19	QPCB004-F007 (AR23-PCQ-001)	PC00001
Date of issue	05-05-2023 (for TMQ and TEQ) 07-02-2019 (for AB-0001-T/454201/02-19)	09-05-2023	14-05-2023
Expiry date	ITT and Audit Report remains valid provided that the product, the relevant standards, and the production process remain unchanged until the next scheduled surveillance, which should be dated on or before 09/05/2024.		13-05-2025


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This certificate is the property of ACES and shall not be reproduced except in full, without written request from ACES.

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Email: productcertification@aces-int.com, Website: www.aces-int.com

E/SYS/11, Rev a/March21

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1. This approval is based on the performance of a product, and that the product was tested according to the technical declarations and assessment criteria outlined in BS EN 13162+A1, BS EN 13501-1 and technical data sheet declarations.
2. The certification of thermal insulation product(s) manufacture by Qatar Rockwool and Mineral Fibers Factory are approved on the basis of:
 - i) Initial type testing (under references shown in Page 2 of 6)
 - ii) Verification of Quality Management Systems to ISO 9001
 - iii) Audit testing as specified in ACES/SM/02
 - iv) Inspection and surveillance of factory production control
3. The approval relates to on-going production. The product and/or its immediate packaging is identified with the manufacturers' name, the product name or number, the ACES name or name and mark, together with the ACES certificate number and application where appropriate.
4. If there are additional or supplementary characteristic requirements that were not included in the certification's initial type testing (ITT), these characteristics will require separate evaluation to determine whether the product meets the enhanced product requirements.
5. For verification of the validity of this certificate, please contact ACES Certification Department.


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Product Description and Performance:

The products have been tested based and according to the ACES/SM/02 Initial Type Testing requirements. The products were then assessed and met the requirements of the BS EN 13162+A1, BS EN 13501-1 and technical data sheet declarations.

Reaction to Fire Classification as per BS EN 13501-1


Product Description	Classification
QRW ROCKWOOL SLAB-NONE	A1
QRW ROCKWOOL SS WIRE MESH BLANKET	A1
QRW ROCKWOOL SLAB ALUMINUM	A2-s1, d0

I. Important Note:

It is imperative to emphasize that the outcomes of reaction to fire classification testing of rockwool products must be evaluated in conjunction with the specifications stated in relevant standards, including ACES/SM/02 and ISO 17065. These standards provide crucial guidelines and procedures that must be adhered to when assessing the fire performance of building materials, including rockwool products. While the fire test results are a critical aspect of determining the suitability of rockwool products for a specific application, it is essential to consider them within the wider context of these standards and any other applicable regulations or guidelines. Consequently, this statement underscores the significance of reading and evaluating the fire testing results together with the relevant standards to ensure that accurate and reliable conclusions are drawn regarding the fire performance of rockwool products.

II. Limitations:

1. The reaction to fire classification test according to BS EN 13501-1 only assesses the reaction to fire of building materials and products, and not their ability to resist structural failure under fire conditions. Therefore, it does not provide a complete evaluation of the fire performance of rockwool products.


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2. The reaction to fire classification test is conducted under controlled laboratory conditions that do not necessarily reflect the real-life fire scenario in a building. As a result, the test results may not be entirely representative of the product's fire performance in actual fire conditions.
3. The reaction to fire classification test is carried out on a specific product configuration and size, and the results may not be directly applicable to different product configurations or sizes. The actual fire performance of a rockwool product may vary depending on its specific configuration, installation, and use in a building.
4. The reaction to fire classification test is conducted using a specific ignition source and fire load, which may not reflect the actual fire hazards in a building. The actual fire performance of a rockwool product may be affected by other factors such as the size and nature of the fire load and the location and intensity of the ignition source.

III. Initial Type Testing (under references shown in Page 2 of 6)

Product: QRW ROCKWOOL SLAB-NONE

Product Code	: QRWSB10050N
Thickness	: 102.3 mm
Density	: 47.9 kg/m ³
Dimensions	: 1203 x 602 mm (Length x Width)
Facing	: None
Alkalinity (pH)	: 7.45
Service Temperature	: No Sign of Burnt/Minimal Change of Color (750°C)
Rigidity	: Semi Rigid
Compressive strength	: 2.54 kPa "CS (10) 0.5"
Corrosiveness	: Passed with the 28 Days condition of ASTM C795
Thermal conductivity at 10°C	: 0.0364 W/m.K
Thermal resistance	: 2.7473 m ² .K/W
Short term water absorption	: 0.39 kg/m ²
Fungi resistance	: No Bacterial or Fungi Growth Found
Sound absorption co-efficient	: 0.99


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Product: QRW ROCKWOOL SS WIRE MESH BLANKET

Product Code	: QRWWB50100SSWM
Thickness	: 51.1 mm
Density	: 103.7 kg/m ³
Dimensions	: 4002 x 1202 mm (Length x Width)
Facing	: SS Hexagonal Wire Mesh One and both Side Stitched
Alkalinity (pH)	: 8.68
Service Temperature	: No Sign of Burnt/Minimal Change of Color (750°C)
Corrosiveness	: Passed with the 28 Days condition of ASTM C795
Thermal conductivity at 10°C	: 0.0353 W/m.K
Thermal resistance	: 1.4042 m ² .K/W
Water vapor sorption by weight	: 0.711%
Fungi resistance	: No Bacterial or Fungi Growth Found

Product: QRW ROCKWOOL SLAB ALUMINUM

Product Code	: QRWSB5064ALU
Thickness	: 51.9 mm
Density	: 65.5 kg/m ³
Dimensions	: 1202 x 602 mm (Length x Width)
Alkalinity (pH)	: 8.50
Service Temperature	: No Sign of Burnt/Minimal Change of Color (750°C)
Rigidity	: Semi Rigid
Facing	: One Side Aluminum Foil
Compressive strength	: 2.09 kPa "CS (10) 0.5"
Corrosiveness	: Passed with the 28 Days condition of ASTM C795
Thermal conductivity at 10°C	: 0.0356 W/m.K
Thermal resistance	: 1.3680 m ² .K/W
Fungi resistance	: No Bacterial or Fungi Growth Found
Short Term Water Absorption	: 0.37 kg/m ²


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IV. Illustrative Figures



QRW ROCKWOOL SLAB-NONE



QRW ROCKWOOL SS WIRE MESH BLANKET



QRW ROCKWOOL SLAB ALUMINUM


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Further Information

Further information regarding the details contained in this data sheet may be obtained from:
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FACTORY 339, STREET 7, SECTOR 81, NEW INDUSTRIAL AREA
Doha – Qatar, PO Box 202086,
Tel: 00974 4441 0026
Fax: 00974 4476 3933
Email: info@qatarrockwool.com

Further information regarding ACES and other approved products can be obtained from ACES by contacting the below details:

Tel: 00974 4487 0141
Website: www.aces-int.com


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