



Certificate of Compliance

This certificate is issued for the following:

TGW¹, TGW-H¹, TGR-Steel Faced² and TGR-Alu Exterior faced²

Prepared for:

National Fire Fighting Mfg FZCo

PO Box 17014
Jebel Ali Free Zone, Dubai,
United Arab Emirates

FM Approvals Class: 4880¹, 4471²

Approval Identification: PR464028 Approval Granted: 22 February 2024

To verify the availability of the Approved product, please refer to www.approvalguide.com and www.roofnav.com

Said Approval is subject to satisfactory field performance, continuing Surveillance Audits, and strict conformity to the constructions as shown in the Approval Guide and RoofNav, an online resource of FM Approvals.

A handwritten signature in black ink, reading 'Phillip J. Smith'.

Phillip J. Smith
VP - Manager of Materials
FM Approvals
One Technology Way
Norwood, MA 02062



Member of the FM Global Group



Certificate of Compliance

This certificate is issued for the following:

TGW and TGW-H

Prepared for:

National Fire Fighting Mfg FZCo

PO Box 17014
Jebel Ali Free Zone, Dubai,
United Arab Emirates

FM Approvals Class: 4881

Approval Identification: PR468512 Approval Granted: 24 April, 2024

To verify the availability of the Approved product, please refer to www.approvalguide.com

Said Approval is subject to satisfactory field performance, continuing Surveillance Audits, and strict conformity to the constructions as shown in the Approval Guide and RoofNav, an online resource of FM Approvals.

A handwritten signature in black ink, reading 'Phillip J. Smith'.

Phillip J. Smith
VP - Manager of Materials
FM Approvals
One Technology Way
Norwood, MA 02062



Member of the FM Global Group

CERTIFICATE OF CONFORMITY

Issue: **02**Certificate number: **ESL-25-11806**

Pursuant to provisions of the Certification scheme on Global Conformity Certification of fire and life safety products (CS-GCC, scheme type 5), Emirates Safety Laboratory hereby grants this certificate of conformity to the product described below:

Sandwich Panel, type: TUFGUARD TGR-T/S-37/250 - Non-loadbearing Ceiling application

Placed on the market under the name or trade mark of:

NAFFCO FZCO
N510, Gate 4, Jafza North
Dubai, United Arab Emirates (UAE)

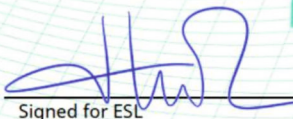
Manufactured in the following location(s):

NAFFCO FZCO
N510, Gate 4, Jafza North
Dubai, United Arab Emirates (UAE)

Complies with the requirements of the standard(s) as detailed below:

EN 1364-2:2018 Fire resistance tests for non-loadbearing elements - Part 1: Ceilings

The certificate was first issued on **16 April 2025** and remains valid under the condition that the Certificate Holder fulfils the requirements of the agreement on certification supervision no. **0401/SA/25**.

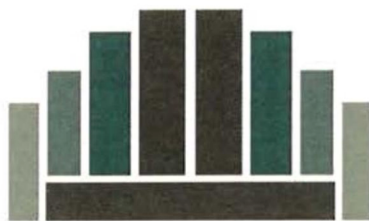

Signed for ESL

Tomasz Kielbasa
Certification Manager

24 April 2025
Date of issue

15 April 2028
Expiry date

This Certificate remains valid till date stated above, unless suspended, withdrawn or terminated. This certificate will not be valid if the manufacturer makes any changes affecting product conformity, which have not been notified to, and agreed in writing with ESL. This Certificate is an electronic document and shall not be reproduced (in any form) except in full. Certificate holder is under an obligation to make references to issued certificate only in conjunction with product(s) that conform to evaluated product construction. Prior to use of this certificate, please verify its validity at ESL.directory



THOMAS BELL-WRIGHT

A PHENNA GROUP COMPANY



In accordance with IAS accreditation to ISO/IEC 17065
Certification is Hereby Granted

to

NAFFCO FZCO

Jebel Ali Free Zone, PO Box 262169, Dubai, United Arab Emirates

for

**Non-Loadbearing Wall System composed
of "TUFGUARD TGW" Mineral Wool
Sandwich Panel**

(Classified to EN 13501-2 based on EN 1364-1:2015)

which, subject to limitations described on the following pages and continued
listing on www.tbwcert.com, complies with Product Certification Scheme
SD02 Fire Resistance

In witness whereof, this Certificate is issued this 31st day of July 2025



Sandy Dweik

Sandy Dweik
Chief Executive Officer

Nicholas Purcell

Nicholas Purcell
Director of Certification

Certificate Number: **TBWI 0049**

Initial registration: August 9, 2022

Issued: July 31, 2025

Expiration: August 8, 2028

File Name: ZD032_CRT_SD02RF_TGW_Issue2_849_(f)

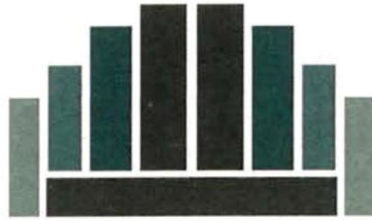
Issue 2

This certificate and schedules are held in force by regular Factory Inspections by Thomas Bell-Wright International Consultants (TBWIC).
Refer to www.tbwcert.com or contact TBWIC Certification Division to validate the current status of the Certification.

This certificate remains a property of Thomas Bell-Wright International Consultants.

P.O. Box 26385, Dubai, UAE. | Tel: +971 4 8215777 | Email: certification@bell-wright.com | Web: www.bell-wright.com

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F 19 Scheme Certificate Issue 8 Issued Mar 2024



THOMAS BELL-WRIGHT

A PHENNA GROUP COMPANY



In accordance with IAS accreditation to ISO/IEC 17065
Certification is Hereby Granted

to

NAFFCO FZCO

Jebel Ali Freezone, PO Box 262169,
Dubai, United Arab Emirates

for

**Loadbearing "TUFGUARD TGR 100 T/S -
37/250" Rockwool Sandwich Panel Assembly**
EN 13501-2:2023 Classification based on EN 1365-2:2014

which, subject to limitations described on the following pages and continued
listing on www.tbwcert.com, complies with Product Certification Scheme
SD02 Fire Resistance

In witness whereof, this Certificate is issued this 8th day of May 2025



Sandy Dweik

Sandy Dweik
Chief Executive Officer

Nicholas Purcell

Nicholas Purcell
Director of Certification

Certificate Number: **103196**

Initial registration: May 8, 2025

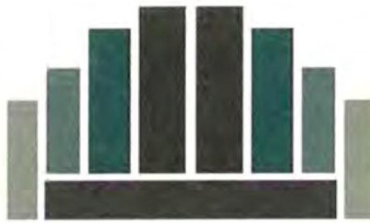
Issued: May 8, 2025

Expiration: May 7, 2028

File Name: ZA137_CRT_SD02RF_Issue1_1137_(f)

Issue 1

This certificate and schedules are held in force by regular Factory Inspections by Thomas Bell-Wright International Consultants (TBWIC).
Refer to www.tbwcert.com or contact TBWIC Certification Division to validate the current status of the Certification.
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F 19 Scheme Certificate Issue 8 Issued Mar 2024



In accordance with IAS accreditation to ISO/IEC 17065
Certification is Hereby Granted

to

NAFFCO FZCO

Jebel Ali Free Zone, PO Box 262169,
Dubai, United Arab Emirates

for

“TUFGUARD TGW” and “TUFGUARD TGW-H”
Lightly Profiled Metal-faced Mineral Wool
Sandwich Panels
(ASTM D1929 and BS EN 13501-1:2018)

which, subject to limitations described on the following pages and continued
listing on www.tbwcert.com, complies with Product Certification Scheme
SD03 Exterior Wall Assemblies, Curtain Walls, Building Materials,
Products & Assemblies

In witness whereof, this Certificate is issued this 16th day of July 2025



Sandy Dweik

Sandy Dweik
Chief Executive Officer

Nicholas Purcell

Nicholas Purcell
Director of Certification

Certificate Number: **TBWC 0049**

Initial registration: July 16, 2025 Issued: July 16, 2025
File Name: ZD032_CRT_SD03RX_Issue2_843_(f)

Expiration: July 15, 2028
Issue 2

This certificate and schedules are held in force by regular Factory Inspections by Thomas Bell-Wright International Consultants (TBWIC).
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F 19 Scheme Certificate Issue 8 Issued Mar 2024



THOMAS BELL-WRIGHT

A PHENNA GROUP COMPANY



In accordance with IAS accreditation to ISO/IEC 17065
Certification is Hereby Granted

to

NAFFCO FZCO

Jebel Ali Free Zone, PO Box 262169,
Dubai, United Arab Emirates

for

“TUFGUARD TGR”

**Trapezoidal Metal-faced Mineral Wool
Sandwich Panel**

(ASTM D1929 and BS EN 13501-1:2018)

which, subject to limitations described on the following pages and continued
listing on www.tbwcert.com, complies with Product Certification Scheme
*SD03 Exterior Wall Assemblies, Curtain Walls, Building Materials,
Products & Assemblies*

In witness whereof, this Certificate is issued this 16th day of July 2025



Sandy Dweik

Sandy Dweik
Chief Executive Officer

Nicholas Purcell

Nicholas Purcell
Director of Certification

Certificate Number: **TD03 0049**

Initial registration: July 16, 2025

Issued: July 16, 2025

Expiration: July 15, 2028

File Name: ZD032_CRT_SD03RX_Issue2_844_(f)

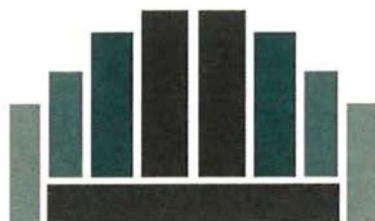
Issue 2

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F 19 Scheme Certificate Issue 8 Issued Mar 2024



THOMAS BELL-WRIGHT

A PHENNA GROUP COMPANY



In accordance with IAS accreditation to ISO/IEC 17065
Certification is Hereby Granted

to

NAFFCO FZCO

Jebel Ali Free Zone, PO Box 262169, Dubai, United Arab Emirates

for

“TUFGUARD TGR”

**Trapezoidal Mineral Wool Sandwich Panel
for Roof Application**

(Classification according to EN 13501-5:2016)

which, subject to limitations described on the following pages and continued
listing on www.tbwcert.com, complies with Product Certification Scheme
*SD03 Exterior Wall Assemblies, Curtain Walls, Building Materials,
Products & Assemblies*

In witness whereof, this Certificate is issued this 12th day of August 2025



Sandy Dweik
Chief Executive Officer

Nicholas Purcell
Director of Certification

Certificate Number: TBW 0049

Initial registration: August 9, 2022 Issued: August 12, 2025
File Name: ZD032_CRT_SD03RT_TGR_Issue3_848_(f)

Expiration: August 8, 2028
Issue 3

This certificate and schedules are held in force by regular Factory Inspections by Thomas Bell-Wright International Consultants (TBWIC).
Refer to www.tbwcert.com or contact TBWIC Certification Division to validate the current status of the Certification.

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F 19 Scheme Certificate Issue 8 Issued Mar 2024