



**THOMAS BELL-WRIGHT
INTERNATIONAL CONSULTANTS**

In accordance with UKAS accreditation to ISO 17065
Certification is Hereby Granted

to

Hunter Douglas Middle East FZE

*P.O. Box 17283, Jebel Ali Free Zone South,
Jebel Ali, Dubai, United Arab Emirates*

for

“TERRART®”

**Terracotta facade tile material
(ASTM D1929-16 and UNI EN 13501-1:2019)**

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, Cladding, Curtain
Walls, Building Materials, Products and Assemblies

In witness whereof, this Certificate is issued this 20th day of May 2020



Sandy Dweik

Sandy Dweik
Chief Executive Officer

Nicholas Purcell

Nicholas Purcell
Director of Certification

Initial registration: May 20, 2020
File Name: SD196_CRT_SD03RX_(f)

Certificate Number: TBW0300602

Issued: May 20, 2020

Expiration: May 19, 2023

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 Certification. This certificate remains the property of Thomas Bell-Wright International Consultants, PO Box 26385, Dubai, UAE. Tel: +971 4 8215777, Email: certification@bell-wright.com
Web: www.bell-wright.com

This document must not be reproduced, except in its entirety and with the express permission of Thomas Bell-Wright International Consultants
F 19 Scheme Certificate Issue 7 Issued Feb 2020

“TERRART®”

Terracotta façade tile material

1. Certification is given for “TERRART®” terracotta façade tile material for Reaction to Fire performance to test standard ASTM D1929-16 for Spontaneous Ignition & Flash-ignition temperature, and Fire Classification according to UNI EN 13501-1:2019 – “Fire classification of construction products and building elements – Part 1: Classification using data from reaction to fire test”, subject to the limitations herein. The scope of this certification is listed in the table below:

Table 1: Scope of Certification

Description	Reaction to Fire performance		
	Result	Standard	Report no.
“TERRART®” Terracotta Façade tile material ▪ Density: 2050 - 2200 kg/m ³	A1	UNI EN 13501-1:2019	IGS/370783
	SIT: >750 °C, FIT: >750 °C	ASTM D1929-16	TBWIC/SG141 Rev.0

Note: SIT – “Spontaneous Ignition Temperature, “FIT” – Flash Ignition Temperature

2. Readers of this document should be familiar with Reaction to Fire Testing and the requirements of ISO/IEC 17065:2012. The Certification will be listed on www.tbwcert.com, while it remains current. This Certification is not valid if it is not listed.
3. The product is approved on the basis of TBWIC Product Certification Scheme SD03 for Exterior Wall Assemblies, Cladding, Curtain Walls, Building Materials, Products and Assemblies which includes pre-test sampling, evidence of performance (under reference TBWIC test report no. SG141 Rev.0, and IGS Classification report no. 370783), Technical Verification and Proof of Performance, compliance to Factory Production Control requirements and surveillance & Re-certification Inspection/ Audits.
4. Limitations:
 - 4.1. This certification covers the specifications of the material as tested and described in the reference report(s).
 - 4.2. The response of the material to heat and flame was measured under controlled conditions in accordance with the requirements of the test standard covered under this certification. The result(s) described in the respective test report shall not be used as the sole criteria for fire-hazard or fire-risk assessment of the product, material or system assembly under actual fire conditions.
 - 4.3. This certification pertains to the material as a standalone product; it does not extend to the overall system or assembly in which the product is installed.
 - 4.4. No variation allowed in the material composition and geometry.
 - 4.5. The test (and Certification) do not address the following:
 - 4.5.1. Measurement of heat transmission
 - 4.5.2. Effect of aggravated flame spread behaviour of an assembly resulting from the proximity to combustible walls and ceilings
 - 4.5.3. Any Resistance to Fire rating
 - 4.5.4. The toxicity level of smoke developed during combustion
 - 4.5.5. Fire propagation characteristics when tested as large-scale façade cladding assembly

Certificate number: TBW0300602



 Director of Certification
 Nicholas Purcell

Seal number: 101098

Page 2 of 3

Issued: 20 May 2020
Valid to: 19 May 2023

This Certificate is the property of Thomas Bell-Wright International Consultants UAE.
Registered office: P.O. Box 26385, Dubai, UAE. F 19 Scheme Certificate Issue 7 Issued: Feb 2020

This document must not be reproduced, except in its entirety and with the express permission of Thomas Bell-Wright International Consultants

5. Product details

- 5.1. Reference: "TERRART®"
- 5.2. Description: Extruded terracotta ceramic tile
- 5.3. Density: 2050 - 2200 kg/m³
- 5.4. Mix Design reference: "Nr. 20"

6. Approved Manufacturing Location

NBK Keramik GmbH
Reeser Str. 235, D-46446
Emmerich am Rhein
Germany

Certificate number: TBW0300602

Page 3 of 3



Director of Certification
Nicholas Purcell

Seal number: 101098

Issued: 20 May 2020
Valid to: 19 May 2023