




Date : 27/01/2023

## CERTIFICATE OF COMPLIANCE

This certificate of compliance validates the following			
TEST REPORT NUMBER 'Assessment Reports' are not acceptable	19-19618-1739-1 19-19618-1739-2	CERTIFICATE NUMBER	APF - 1525
DATE OF ISSUE	16/09/2019	DATE OF ISSUE	27/01/2023
DATE OF EXPIRY	---	DATE OF EXPIRY	31/01/2024
Manufacturer details			
NAME OF FACTORY / MANUFACTURER	Cosentino Industrial, SAU.	NAME OF THE BRAND	DEKTON® PROTEK
FACTORY ADDRESS / REGION (STREET / TOWN / CITY / COUNTRY )	Crta. A-334 KM 59 04850 CANTORIA SPAIN	MODEL / NO	DEKTON®
WEBSITE	<a href="http://www.cosentino.com">http://www.cosentino.com</a>	LOGO ON THE PRODUCT	 <b>COSENTINO®</b>
TEL	+00 34 950 444 226	EMAIL	<a href="mailto:cguerra@cosentino.com">cguerra@cosentino.com</a>





Product Details From Test Report		Reference Test Report page NO
<b>DESCRIPTION OF THE PRODUCT</b> (TECHNICAL DETAILS FROM TEST REPORT, SUCH AS ACTUAL FIRE RATINGS/DIMENSIONS/THICKNESSES/ SENSITIVITY ETC)	Ultracompact surface panel with fiberglass mesh glued.	1
<b>TEST STANDARD</b> (SUCH AS ASTM/BS EN/ DN ETC)	<ul style="list-style-type: none"> <li>EN ISO 1716:2018: "Reaction to fire tests for products - Determination of the gross heat of combustion (calorific value) (ISO 1716:2010)".</li> <li>EN 13823:2010+A1:2014: "Reaction to fire tests for building products - Building products excluding floorings exposed to the thermal attack by a single burning item".</li> <li>EN 13501-1:2018: "Fire classification of construction products and building elements. Part 1: Classification using data from reaction to fire tests".</li> </ul>	2
<b>TEST DESCRIPTION</b>	<p>To determine the fire reaction behaviour of the construction products when these are exposed to the thermal attack of a single burning item.</p> <p>The product is tested while installed on a sample support positioned at an angle. Each sample consists of two wings: one 1,500 mm x 495 mm-short wing, and one 1,500 mm x 1,000 mm-long wing, by the thickness of the product.</p> <p>The assembly and installation of the product on the support must be representative of the final use condition of such product.</p> <p>A minimum of three samples per test are tested for each condition of use. The product is exposed to the flames for approximately 21 minutes. The relevant measurements are continuously recorded every three seconds.</p> <p>The sample is exposed to the flame of a propane burner with a nominal power of <math>(30.7 \pm 2\text{kW})</math>. The burner is located on the base of the angle formed by the corner, at a distance of 40 mm from the surface of the product.</p>	4
<b>SPECIFICATION OF TEST SPECIMEN</b>	<p>The product is tested while installed on a sample support positioned at an angle. Each sample consists of two wings: one 1,500 mm x 495 mm-short wing, and one 1,500 mm x 1,000 mm-long wing, by the thickness of the product, in accordance with the specifications contained in paragraph 5.1.1.</p> <p>The samples were assembled by staff of Laboratory and in accordance with the specifications provided by the petitioner.</p>	4-10





Fixing system: The sample was fixed to the standard substrate (Particleboard, not fire retardant treated according to UNE-EN 13238:2011).

The assembly was performed with joints. A horizontal joint at 500 mm from the bottom of the sample, and a vertical joint at 200 mm from inside corner fulfilling criteria described on section 5.2.2.e) of the test standard.

Product trade name: DEKTON®

#### PRODUCT Nº1

The product is composed by 3 layers:

- Layer 1: Dekton, thickness of 4 mm and density of 2,5 g/cm<sup>3</sup>.

DEKTON finishes	SIRIUS
	VENTUS
	ZENITH
	DANAE
	RADIUM

- Layer 2: Glue, superficial density of 130 g/m<sup>2</sup> and transparent colour.

- Layer 3: Fibre Glass, superficial density of 300 g/m<sup>2</sup> and white colour.

#### PRODUCT Nº2

The product is composed by 3 layers:

- Layer 1: Dekton, thickness of 30 mm and density of 2,5 g/cm<sup>3</sup>.

DEKTON finishes	SIRIUS
	VENTUS
	ZENITH
	DANAE
	RADIUM

- Layer 2: Glue, superficial density of 130 g/m<sup>2</sup> and transparent colour.

- Layer 3: Fibre Glass, superficial density of 300 g/m<sup>2</sup> and white colour.

Fixing system: The product was tested stacked on the calcium silicate substrate accordance with the specifications of the standard UNE-EN 13238:2011





### TEST RESULT

(SUCH AS PASSED CRITERIA\_\_\_/  
COMPLIED TO\_\_\_/  
DURATION\_\_\_/OBSERVATION\_\_\_/  
ETC)

Test Method	RESULTS – DETKON® (PRODUCT 1)			
	CRITERIA CLASS A2	N° TESTS	AVERAGE	COMPLIANCE
UNE-EN ISO 1716:20111	PCS ≤ 4.0 MJ/m <sup>2</sup> (1)	9	0.00 MJ/m <sup>2</sup>	YES
	PCS ≤ 4.0 MJ/m <sup>2</sup> (2)		3.74 MJ/m <sup>2</sup>	YES
	PCS ≤ 4.0 MJ/m <sup>2</sup> (2)		0.04 MJ/m <sup>2</sup>	YES
	PCS ≤ 4.0 MJ/m <sup>2</sup> (3)		0.36 MJ/m <sup>2</sup>	YES
UNE-EN 13823:2012 +A1:2016	FIGRA <sub>0.2 MJ</sub> ≤ 120 W/s	3	39.12	YES
	LFS < edge of the sample	3	< to edge	YES
	THR <sub>600s</sub> ≤ 7.5 MJ	3	1.06	YES
	CRITERIA subclass 's1'	N° TESTS	AVERAGE	COMPLIANCE
	SMOGR <sub>A</sub> ≤ 30 m <sup>2</sup> /s <sup>2</sup>	3	7.73	YES
	TSP <sub>600s</sub> ≤ 50 m <sup>2</sup>	3	44.81	YES
	CRITERIA subclass 'd0'	N° TESTS	AVERAGE	COMPLIANCE
	Fall of droplets/particles in flames within 600 s	3	NO	YES

Test Method	RESULTS – DETKON®(PRODUCT 2)			
	CRITERIA CLASS A2	N° TESTS	AVERAGE	COMPLIANCE
UNE-EN ISO 1716:20111	PCS ≤ 4.0 MJ/m <sup>2</sup> (1)	9	0.00 MJ/m <sup>2</sup>	YES
	PCS ≤ 4.0 MJ/m <sup>2</sup> (2)		3.74 MJ/m <sup>2</sup>	YES
	PCS ≤ 4.0 MJ/m <sup>2</sup> (2)		0.04 MJ/m <sup>2</sup>	YES
	PCS ≤ 4.0 MJ/m <sup>2</sup> (3)		0.05 MJ/m <sup>2</sup>	YES
UNE-EN 13823:2012 +A1:2016	FIGRA <sub>0.2 MJ</sub> ≤ 120 W/s	3	0.00	YES
	LFS < edge of the sample	3	< to edge	YES
	THR <sub>600s</sub> ≤ 7.5 MJ	3	0.00	YES
	CRITERIA subclass 's1'	N° TESTS	AVERAGE	COMPLIANCE
	SMOGR <sub>A</sub> ≤ 30 m <sup>2</sup> /s <sup>2</sup>	3	0.00	YES
	TSP <sub>600s</sub> ≤ 50 m <sup>2</sup>	3	17.82	YES
	CRITERIA subclass 'd0'	N° TESTS	AVERAGE	COMPLIANCE
	Fall of droplets/particles in flames within 600 s	3	NO	YES

3 (2)





The product, DEKTON®, related to its fire reaction behaviour, is classified as:

Fire Behaviour		Smoke Production			Drops in flames	
A2	-	s	1	,	d	0

Fire Reaction Classification: A2-s1,d0

PRODUCT APPLICATION GUIDELINE (END USE)

(CLEARLY STATE THE END USE WITH SPECIFIC APPLICATION, SUCH AS EXACT FIRE RATING/T O BE INSTALLED IN \_\_\_/T O BE INSTALLED AT \_\_\_/T O BE CONNECTED WITH \_\_\_/T O BE INSTALLED WITH \_\_\_ ETC ALONG WITH ANY WARNINGS SUCH AS NOT T O BE USED IN \_\_\_/NOT T O BE INSTALLED AT \_\_\_/ NOT T O BE INSTALLED WITH \_\_\_ ETC.

Ultracompact surface panel DEKTON® with fiberglass mesh glued used on ventilate façade.

THICKNESS: Products with commercial reference: DEKTON® are manufactured in different thickness, product range 4 to 30 mm.

DECORATIVE FINISH: The products with the commercial reference DEKTON®, are manufactured with different decorative finishes:

AGED TIMBER	ALBA	ALDEM	ANANKE	ARGA	ARIANE	AURA15	BEDROCK
BENTO	BERGEN	BLANC CONCRETE	BLAZE	BOREA	BROMO	DANAE	DOMOOS
DOVE	EDORA	ENTZO	FIORD	FOSSIL	GADA	GALEMA	GLACIER
GRIS PALMA	HALO	IROK	KADUM	KAIROS	KELYA	KEON	KERANIUM
KIRA	KORSO	KORUS	KOVIK	KRETA	LAOS	LUMINA	LUNAR
MAKAI	NATURA	MANHATTAN	MILAR	NATURA18	NAYLA	NILIUM	ODIN
OLIMPO	OPERA	ORIX	POPULAR DARK	POPULAR WARM	PORTUM	QATAR	RADIUM
SAND DRIFT	SAREY	SASEA	SIRIUS	SIROCCO	SOGNE	SOKE	SPECTRA
SPLENDOR	STERLING	STRATO	TAGA	TRILIUM	TUNDR A	VALTERRA	VAPOUR
VEGHA	VENTUS	VERA	VIENNA	ZENITH	FEROE	BALTIC	TOTZERET





Laboratory and Certification body details			
<b>NAME OF CERTIFICATION BODY</b>	Applus- LGAI Technological Center S.A.	<b>NAME OF TEST FACILITY</b>	Applus- LGAI Technological Center S.A.
<b>CERTIFICATION BODY ADDRESS / REGION</b> (STREET / TOWN / CITY / COUNTRY)	Campus UAB- Ronda de la Font del Carme s/n E-08193 Bellaterra, Barcelona, SPAIN	<b>TEST FACILITY ADDRESS / REGION</b> (STREET / TOWN / CITY / COUNTRY)	Campus UAB- Ronda de la Font del Carme s/n E-08193 Bellaterra, Barcelona, SPAIN
<b>WEBSITE</b>	www.applus.com	<b>WEBSITE</b>	www.applus.com
<b>TEL</b>	+34 93 567 20 00	<b>TEL</b>	+34 93 567 20 00
<b>EMAIL</b>	info@appluslaboratories.com	<b>EMAIL</b>	info@appluslaboratories.com
<b>ACCREDITED BY</b> (NAME OF ACCREDITATION BODY WHICH ISSUED ACCREDITATION TO THE CERTIFICATION BODY, ALONG WITH WEBSITE)	ENAC	<b>ACCREDITED BY</b> (NAME OF ACCREDITATION BODY WHICH ISSUED ACCREDITATION TO THE LABORATORY, ALONG WITH WEBSITE)	ENAC
<b>AS PER</b> (STANDARD TO WHICH THE CERTIFICATION BODY IS ACCREDITED TO)	EN ISO/IEC 17065	<b>AS PER</b> (STANDARD TO WHICH YOUR ORGANIZATION IS ACCREDITED TO)	EN ISO/IEC 17025
<b>VALIDITY</b> (EXPIRY DATE OF CERTIFICATION BODY ACCREDITATION)	UNLIMITED	<b>VALIDITY</b> (EXPIRY DATE OF LABORATORY ACCREDITATION)	UNLIMITED
<b>REFERENCE NUMBER:</b> (CERTIFICATION BODY ACCREDITATION REFERENCE NUMBER TO VERIFY ON THE ACCREDITOR'S WEBSITE)	12/C-PR054	<b>REFERENCE NUMBER:</b> (THE LABORATORY ACCREDITATION REFERENCE NUMBER TO VERIFY ON THE ACCREDITOR'S WEBSITE)	Nº 9/LE895
<b>CERTIFICATION MARK</b>			

(ENDORSEMENT) TO BE SIGNED BY MANUFACTURER			
<b>NAME OF MANUFACTURER'S SIGNATORY</b>	Cristina Guerra	<b>SIGNATURE</b>	 COSENTINO INDUSTRIAL S.A.U.
<b>EMAIL / TEL</b>	cguerra@cosentino.com	<b>FACTORY OFFICIAL SEAL</b>	CIF: A-04117297 Ctra. Baza-Huércal Overa Km 59, 04850 Cantoria (Almería)
<b>NOTES:</b> I Undertake that all data and information provided are genuine and accurate			

(ENDORSEMENT) TO BE SIGNED BY CERTIFICATION BODY			
<b>NAME OF CERTIFICATION BODY SIGNATORY</b>	Xavier Ruiz Peña	<b>SIGNATURE</b>	 Applus+
<b>EMAIL / TEL</b>	fire.lab@applus.com +34 93 567 20 00	<b>CERTIFICATION BODY OFFICIAL SEAL</b>	LGAi Technological Center, S.A.
<b>NOTES:</b> I Undertake that all data and information provided are genuine and accurate			

**ATTACHMENTS:** COPY OF 'CERTIFICATE OF COMPLIANCE ISSUED BY APPLUS

