

TONGA® ULTRA CLEAN A 20 (BE)

Tonga® Ultra Clean A 20 (BE) ceilings provide excellent acoustic absorption and meet the strict requirements of environments where hygiene is crucial.

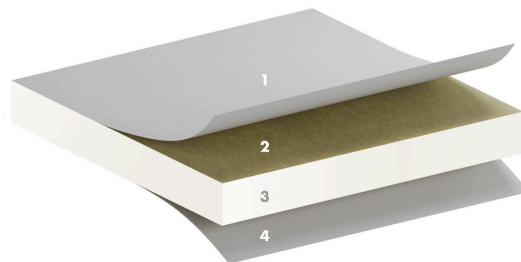


Tonga® Ultra Clean A 20 (BE)



PANEL DESCRIPTION

1:	White painted glass fiber veil
2:	High density mineral wool panel, 20 mm thick
3:	A edges, painted
4:	Natural glass veil on reverse side



TYPE OF APPLICATION

- Additional areas
- Healthcare

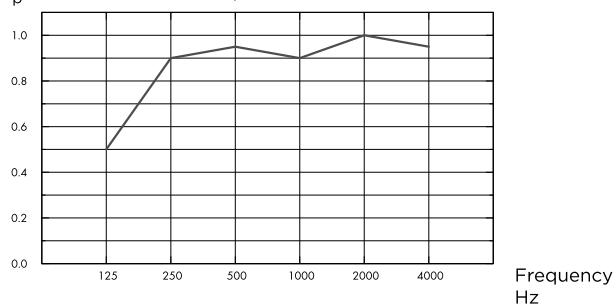


ACOUSTICS

Sound Absorption

Test results according to EN ISO 354. Classification according to EN ISO 11654, and the single value rating for Noise Reduction Coefficient, NRC, according to ASTM C 423.

α_p , Practical sound absorption coefficient



— Eurocoustic Tonga® Ultra Clean A 20, 200 mm o.d.s.

o.d.s = overall depth of system

THK mm	o.d.s. mm	α_p , Practical sound absorption coefficient						α_w	Sound absorption class
		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz		
20	200	0.50	0.90	0.95	0.90	1.00	0.95	0.95	A

THK mm	o.d.s. mm	NRC
20	200	0.95



FIRE REACTION

Standard	Class
EN 13501-1	A2-s1,d0



FIRE RESISTANCE

See classification report for detailed information on installation and suspension system requirements.

Standard	Classification	Size	Load-bearing structures
NBN 713-020	SF 30	600x600, 1200x600	Concrete, Steel



HUMIDITY RESISTANCE

Class C, relative humidity 95% and 30°C, according to EN 13964:2014.



VISUAL APPEARANCE

Light Reflectance (LRV%)	83%
Whiteness (L*)	93%
Gloss (85°)	< 5



INDOOR AIR QUALITY

Certificate / Label	
French VOC	A



MATERIAL HEALTH

EUCB	Eurocoustic panels are manufactured using mineral wool certified by the European Certification Board for mineral wool products (EUCB), which independently confirms that mineral wool is produced in conformity with the Note Q of European Regulation (EC) No 1272/2008 and therefore classification as a carcinogen does not apply.
REACH	Eurocoustic products comply with the REACH regulation of the European Chemicals Agency and therefore do not contain any Substances of Very High Concern (SVHC) with potential negative impacts on human health or the environment above 100ppm.



CARBON FOOTPRINT

Life cycle stages A1 to C4 of the EPD, in compliance with ISO 14025 / EN 15804.

	kg CO ₂ equiv/m ²
Tonga Ultra Clean A 20 (BE)	4,51



CLEANABILITY

The ceiling painted surface does not retain dust, which makes the panels easier to clean. The ceiling can be cleaned using light brush, vacuum cleaner, compressed air, wet sponge (with or without detergent), dry or wet steam + dry cloth. This type of cleaning will help extend the service life of the ceilings.



INSTALLATION

- You are advised to ensure that air can circulate between the rooms and the plenum to balance the temperature and pressures on each side of the ceiling.
- Tiles can be cut with a craft knife without generating any noise or dust.
- The direction in which the panels should be installed is indicated on the back of the panels.
- Contact us if any mineral wool is to be laid in the plenum.



MOULD AND BACTERIAL RESISTANCE

ISO 846 (A/B/C), grade 0.



CLEAN ROOM

	Standard/Method	Class
ISO 14644	Particle cleanliness class	ISO 4
NF S 90-351	Microbiological class	M1/area 4
NF S 90-351	Particle elimination kinetics	CP(0,5) 5



CE

Eurocoustic ceilings are CE marked according to the European harmonized standard EN13964:2014. CE marked construction products are covered by a Declaration of Performance (DOP) which enables customers and users to easily compare performance of products available on the European market.



PRODUCT RANGE

Tonga® Ultra Clean A 20 (BE) ceiling packs are shrink-wrapped for protection. Pallets are wrapped in plastic film and must be stored under cover. Pallets are not stackable.

Format	600x600	1200x600
Edge	A	A
Color	White	White
Grids	T24	T24
Panels/pack	28	14
m ² /pack	10.08	10.08
Packs/pallet	16	16
Service class	A	B

COLOURS AND DESIGN

Color



White