

# TONGA® ULTRA CLEAN A 20

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

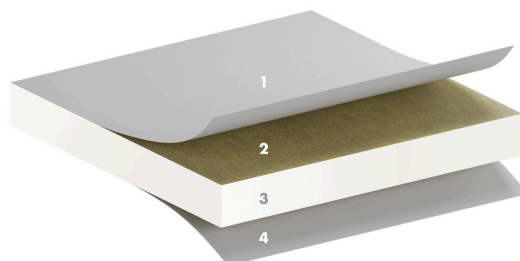


# Tonga® Ultra Clean A 20



## 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

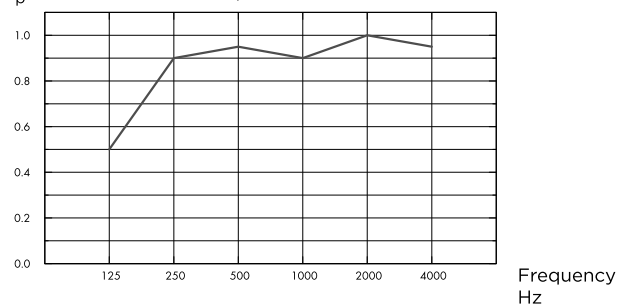


## ACOUSTICS

### 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.

$\alpha_p$ , 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	$\alpha_p$ , Practical sound absorption coefficient						$\alpha_w$	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	A	

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



## FIRE REACTION

Standard	Class
EN 13501-1	A2-s1,d0



## 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+
Eurofins	Indoor Air Comfort® Gold



## MATERIAL HEALTH

C2C Certified Material Health Certificate™	This product has received a C2C Certified Material Health Certificate™ at the Bronze level (standard version 4.0). The C2C Certified Material Health Certificate™ is a verification of the health and safety of a product's composition using the Material Health requirements of the Cradle-to-Cradle Certified Product Standard.
EUCEB	Eurocoustic panels are manufactured using mineral wool certified by the European Certification Board for mineral wool products (EUCEB), 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 <sub>2</sub> equiv/m <sup>2</sup>
Tonga Ultra Clean A 20	4.92



## CIRCULARITY

Minimum recycled content	48%
Recyclability	Fully recyclable



## CRADLE TO CRADLE CERTIFIED®

This product is Cradle to Cradle Certified® at Bronze level (version 4.0).



## 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.



## 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



## MOULD AND BACTERIAL RESISTANCE

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



## 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.



## 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 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	T15 - T24	T15 - T24
Panels/pack	28	14
m <sup>2</sup> /pack	10.08	10.08
Packs/pallet	16	16
Service class	A	A

## COLOURS AND DESIGN

### Color



White