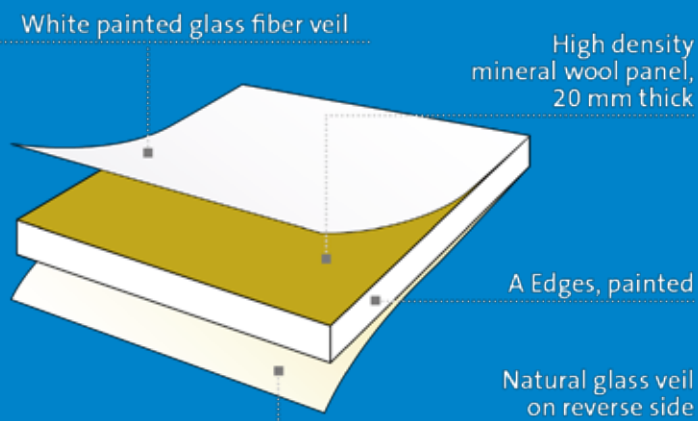


Tonga[®] Ultra Clean A 20



KEY FEATURES

- Acoustic absorption: $\alpha_w = 0.95$
- Reaction to fire: A2-s1, d0
- Control of airborne particles: ISO 4
- Resistance to mold: Degree 0
- Cleaning: five cleaning methods
- Light reflection: > 84%
- Humidity performance : Class C RH 95%, 30° C.
- Painted edges and faces
- Smooth, satin and bright finish



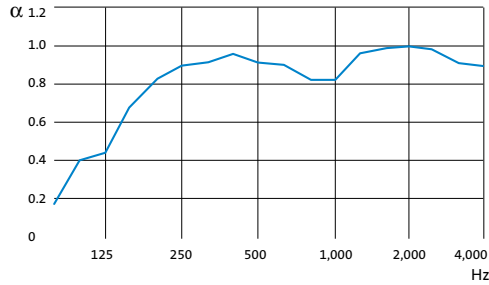


Tonga® Ultra Clean A 20

- > Rigid mineral wool self-supporting panel
- > Decorative veil on the visible side
- > Reinforced by a natural glass fiber veil on the reverse side



Acoustic absorption



- $\alpha_w = 0.95$: class A / NRC = 0.95



Light

- **Light reflection:** The light reflection coefficient is superior to 84%.
- **White:** L = 93% - according to ISO 11664-4.
- **Gloss:** Matt - The gloss value is < 5 with 85° angle - according to ISO 2813.
- **Light diffusion:** > 99 % of the light is diffused.



Fire reaction

- According to EN 13501-1: Euroclass A2-s1, d0.



Humidity performance

- Class C RH 95%, 30° C.



Environment and health

Environment

- Mineral wool is recyclable, and the vast majority of production waste is recycled. The recycled content of the mineral wool of our Tonga® Ultra Clean A 20 panels is 45%.
- The production is certified to ISO 14001: 2015 «Environmental Management Systems».

Healthcare

- Eurocoustic mineral wool is certified by EUCEB (European Certification Board for mineral wool product).
- Mineral wool panels are manufactured with fibers exempt from the carcinogenic classification (European Regulation 1272/2008 as amended by European Regulation 790/2009). According to the International Agency for Research on Cancer, mineral wool is not classifiable as to its carcinogenicity to humans (Group 3).



CE marking

- DoP no.: G006.



Indoor Air Quality

- Tonga® Ultra Clean A 20 products are classed A+.



Control of Airborn particles

- Tonga® Ultra Clean A 20 ceilings are Class ISO 4 according to ISO 14644-1.



Resistance to mould and bacteria

- Tonga® Ultra Clean A 20 ceilings prevent mould and bacteria growth: Degree 0 according to ISO 846 (methods A, B and C).



Performance in Healthcare establishments

- Tonga® Ultra Clean A 20 ceilings satisfy microbiological requirements for type 4 :

Areas	Control of airborne particles	Kinetics of particle decontamination	Microbiological cleanliness	Tested strains
4	ISO 4	CP(0,5)5	M1	Methicilin resistant Staphylococcus aureus, Escherichia coli, Candida albicans, Aspergillus brasiliensis



Installation

- Installation must conform to the requirements of the DTU 58.1 code of practice, the NF P 68203-1 and 2 standards and other applicable standards and codes of practice according to the type of room.
- 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.
- Tonga® Ultra Clean A 20 ceilings are fitted on T15 - T24 grids.
- 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.



Cleaning

- The painted surface of Tonga® Ultra Clean A 20 ceilings does not retain dust, which makes them easier to clean.
- Tonga® Ultra Clean A 20 ceilings 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 Tonga® Ultra Clean A 20 ceilings.

AT A GLANCE

Color	White
Edges	A
Grids	T15 - T24

Module size (mm) and packaging

Width	600	600
Length	600	1200
Thickness	20	20
Panels/pack	28	14
m ² /pack	10,08	10,08
Packs/pallet	16	16
Service class	A	A

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.