

Terra High School

Emmen - Netherlands





THE PROJECT

A high school based in Emmen, the Netherlands, offers unique courses that feature a blend of conventional theoretical subjects and lessons with a distinct environmental theme, such as plant growing, breeding and landscaping. To complement its specific educational program, the high school was eager to provide students with inviting, warm and comfortable conditions for learning. The site's owners called on Eurocoustic to design the ceilings.

THE CUSTOMER'S REQUIREMENTS

- Acoustic comfort for students, teachers and the educational team
- Stylish design
- Originality

OUR RESPONSE

In public-access buildings, especially educational establishments, solutions were needed to address the customer's various requirements.

In the corridors and classrooms of Terra High School, Eurocoustic proposed a solution comprising TONGA® A22 tiles in White and EuroColors to emphasize the site's originality and stylish design, while improving acoustic comfort.

For the school's kitchens, a ceiling solution with TONGA® ULTRA CLEAN A22 tiles was recommended to meet the specific health and cleaning requirements for this type of premises.



WHITE & EUROCOLORS TONGA® A22 TILES WHITE 09, AMBRE G1, ÉMERAUDE G2, SOUFRE G7, TURQUOISE G9

TONGA® A22 tiles to ensure acoustic absorption and provide the bright and stylish decor required for occupants' comfort and well-being.

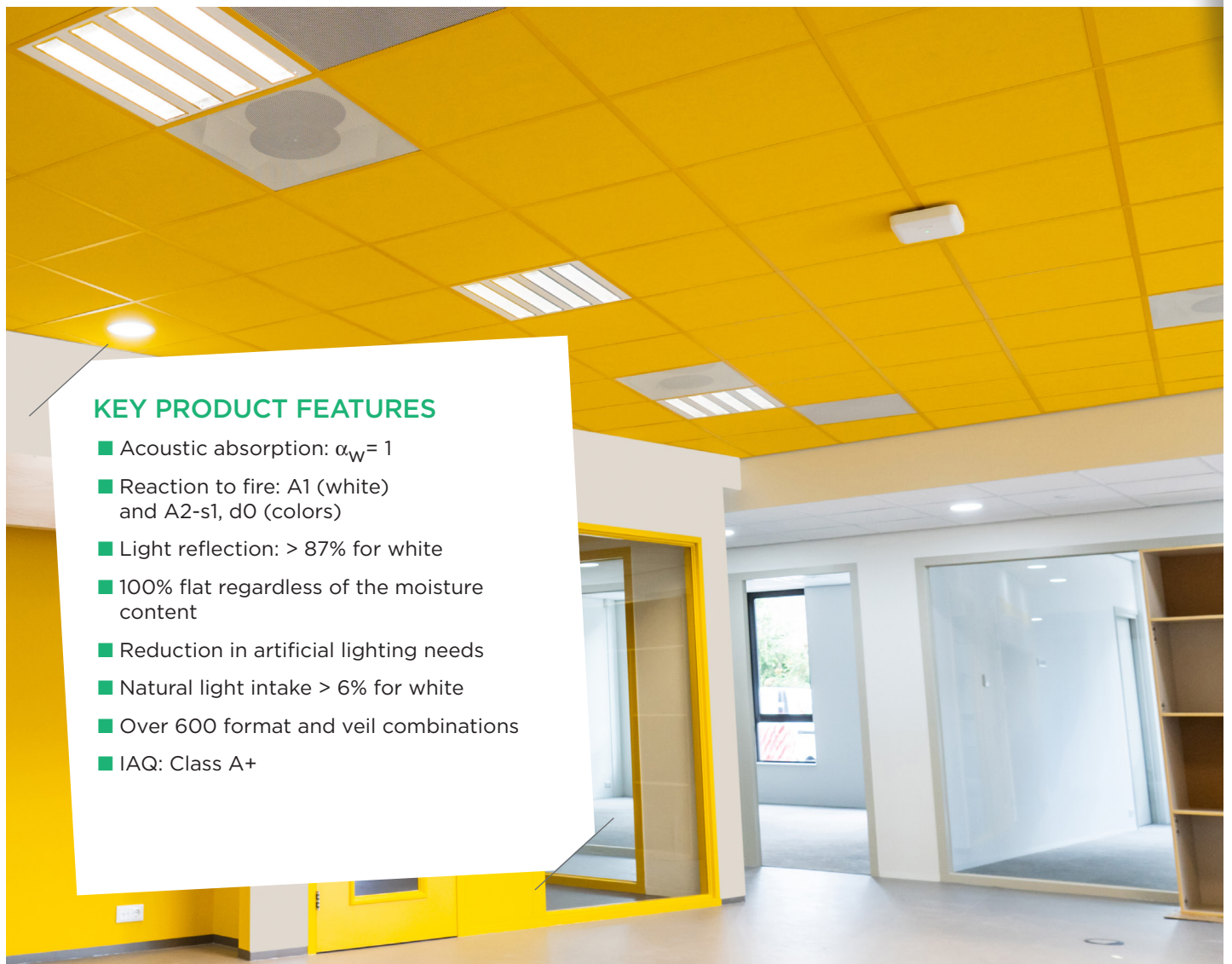
- **Acoustic performance:** acoustics are vitally important in education, since learning is all about listening! Thanks to their optimal acoustic absorption performance of $\alpha_w = 1$, TONGA® A22 tiles improve acoustic comfort by reducing ambient noise to ensure that conversations are clearer and more intelligible.
- **Stylish design:** visual comfort has an influence on intellectual performance, concentration, memorization and well-being. White ceilings are ideal for creating bright conditions since they reflect light. Using specific colors for the ceilings in the various parts of the high school brings a sense of consistency and helps users identify the different areas and find their way more easily. They can also exert a positive influence on users' state of mind and comfort by creating a dynamic mood with energetic tones.

Eurocoustic's decorative solutions create a specific identity for each area, such as the corridors and classrooms, and the dynamic colors produce a fun, yet inviting atmosphere.

TONGA® tiles are available in 40 plain colors (EuroColors) and 6 new designs (EuroDesign), as well as in a wide choice of dimensions. For this school, the customer chose 22-mm thick tiles and five different colors.



The Ambre, Émeraude, Turquoise and Soufre EuroColors bring an invigorating touch and a sense of communicative energy to the rooms, which creates a fun and stimulating atmosphere. The ever fashionable White creates a soothing sensation of comfort.



KEY PRODUCT FEATURES

- Acoustic absorption: $\alpha_w = 1$
- Reaction to fire: A1 (white) and A2-s1, d0 (colors)
- Light reflection: > 87% for white
- 100% flat regardless of the moisture content
- Reduction in artificial lighting needs
- Natural light intake > 6% for white
- Over 600 format and veil combinations
- IAQ: Class A+

TONGA® ULTRA CLEAN A22

TONGA® ULTRA CLEAN tiles are especially suited to areas with high health risks, such as the high school's kitchens, due to their ISO 4 rating and their ability to prevent fungal development.

TONGA® ULTRA CLEAN ceilings are compatible with five common cleaning methods, as tested by an independent laboratory. Therefore, this acoustic ceiling solution is easy to clean, offers a longer service life and improves safety.

KEY PRODUCT FEATURES

- Acoustic absorption: $\alpha_w = 1$
- Reaction to fire: A1
- Cleaning: five cleaning methods
- Light reflection: > 89%
- 100% flat regardless of the moisture content
- Painted edges and faces, Boreal finish
- High-density panel
- Smooth, satin and bright finish
- Control of airborne particles: ISO 4
- Resistance to mold: Degree 0



SURFACE AREA: 5,560 m²

CITY: Emmen

COUNTRY: Netherlands

PREMISES: Education

INSTALLATION DATE: July 2020

CONTACTS

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- **Installation company:** Griemink Klazienaveen BV
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