

## VETROSPACE PRODUCTS HAVE BEEN MANUFACTURED AND TESTED ACCORDING TO THE MARKET STANDARDS:

### ELECTRICAL SAFETY:

IEC 60335-1:2020  
(Safety of electrical appliances)

### FIRE SAFETY:

UL 723; Class A  
(E156728; 28.09.2020)  
(Test for Surface Burning Characteristic of Building Materials Flammability / Smoke Index)

ASTM E648 / NFPA101; Class 1  
(TFI Report 20-000644-02; 11.08.2020)  
(Standard Test Method for Critical Radiant Flux of Floor-Covering Systems)

### HEALTH AND SAFETY:

VTT-CR-01226-20 (21.10.2020)  
(Microbiological effect of Vetrospace environment controlled by ventilation, Visible Light Disinfection (VLD) and photocatalytic coating)

VTT-CR-01227-20 (21.10.2020)  
(Virucidal efficacy of Visible Light Disinfection (VLD) lighting and photocatalytic coating)

VTT-CR-01228-20 (21.10.2020)  
(Bactericidal efficacy of Visible Light Disinfection (VLD) lighting and photocatalytic coating)

### ISO-7 CLEAN ROOM (PUHDASTILAKOLMIO DNV-GL):

EN 12599:2012  
(Ventilation for buildings – Test procedures and measurement methods to hand over air conditioning and ventilation systems)

ISO 14644-1:2015  
(Cleanrooms and associated controlled environments – Part 1: Classification of air cleanliness by particle concentration)

ISO 14698-1:2003  
(Cleanrooms and associated controlled environments – Biocontamination control – Part 1: General principles and methods)

### SOUND REDUCTION:

ISO 23351-1:2020  
(Measurement of speech level reduction of furniture ensembles and enclosures)

### ENVIRONMENT:

UL 2821  
(Method for Measuring and Evaluating Chemical Emissions from Building Materials, Finishes and Furnishings)

### VETROSPACE VLD-LIGHTING:

ABL (ADVANCED BLUE LIGHT) -LED TECHNOLOGY; NO UV LIGHT AREA RADIATION LEAKAGE

IEC 6241/62778  
(Assessment of blue light hazard to light sources and luminaires)

CCEA Mark – City of Chicago Environmental Air (Luminaire Requirements used in Environmental Air Spaces)

cETLus listed (Intertek 3189676 & 5011214) according to UL 1598  
(Standard for Safety Luminaires)

NSF Protocol P442-2015  
(Controlled Environment Light Fixtures)

### STRUCTURE:

EN 12600:2002  
(Glass in building. Pendulum test. Impact test method and classification for flat glass)

EN 14449:2005  
(Glass in building. Laminated glass and laminated safety glass. Evaluation of conformity/product standard)

### SEISMIC:

Special SEISMIC Certification (2019-0176-COC-01-00)

International Building Code (IBC) 2018 (23.02.2021)

California Building Code (CBC) 2019 (23.02.2021)

## AND THEY HAVE RECEIVED THE FOLLOWING CERTIFICATES:

### ELECTRICAL AND FIRE SAFETY:

UL 962 (E514776)  
(The Standard for Safety for Household and Commercial Furnishings)

### ENVIRONMENT:

UL 2818 (GREENGUARD)  
(The Standard for Chemical Emissions for Building Materials, Finishes and Furnishings)