
Material Properties Trespa Virtuon

Properties	Value	Unit	Standard
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Physical properties

Specific gravity	± 1.400	kg/m ³	ASTM-D 792-91
Weight	Thickness 8 mm	5/16"	2 lbs/sq/ft
	Thickness 10 mm	3/8"	3 lbs/sq/ft
	Thickness 13 mm	1/2"	4 lbs/sq/ft

Optical properties

Resistance to color change in UV -light	> 4	Gray Scale	ISO 4586-2
Resistance to steam	> 4	class	ISO 4586-2

Mechanical properties

Modulus of elasticity*	1,200,000 PSI		
Tensile strength*	13,000 PSI		
Flexural strength*	14,500 PSI		
Impact resistance*	indexnr. 4	index number	EN 438 -2 (11)
Scratch resistance*	indexnr. 4	index number	EN 438 -2 (14)

Cleaning properties

Removing graffiti, residue and common dirt: good

Cleaning properties have been determined by cleaning with commercially available cleaning agents according to manufacturers instructions.

Resistance to cleaning

Cleaning with high pressure sprayer	no change in appearance or properties
Cleaning with reference agents for the removal of graffiti, remnants of paint, ink, glue	no change in appearance or properties
Cleaning with reference agents for the removal of residue and cement deposits	no change in appearance or properties
Cleaning with reference agents for bleaching agents, disinfectants, and water based cleaners	no change in appearance or properties

Resistance has been determined by cleaning with (concentrated) reference agents

Hygienic properties

Surface disinfection	official report IKI available
Contact with food	official report ISEGA available

Fire behavior

ASTM E-84 UL Classified

Grade	Panel Thickness	Flame Spread	Smoke Development
Fire Rated	1/4" to 1"	10	45-75
Standard	1/4" to 3/8"	50	300
	1/2"	30	85
	5/8" to 1"	25	70

PANEL IS RECOMMENDED FOR USE IN INTERIOR APPLICATIONS

Whatever your requirements, Trespa offers a full support service.
