

### DESCRIPTION

Total Thickness	mm	2.00 +/- 0.15
Weight	kg/m <sup>2</sup>	2.8 +/-0.2
Density	g/cm <sup>3</sup>	1.49
Lenght	mm	3000 +2/+10
Width	mm	1300 0/+4
Stabilization		CaZn
Surface		<i>Protected thanks to a film in order to protect the panel until the end of the construction</i>

### CLASSIFICATION

Fire resistance	NFP 92 – 507	M1
	BSI	Class 0
	EN13501-1	Bs2d0
	ASTM 84	Class A
Fire propagation		self extinguible
Hygiene and decontamination		Pasteur Sector 4
		bacteriostatic
		Anios compliant
		H202 compliant
Decontamination of surface (radionuclide)	ISO 8690	Excellent
Migration of specific metals	EN12149-A	mg/kg
		<2
Vinyl chloride	EN12149-B	mg/kg
		non detectable
Formaldehyde	EN12149-C	mg/kg
		non detectable

### ENVIRONMENT

TVOC emission	EN 16000-6	after 28 days	< 100 µg/m <sup>3</sup>
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### PERFORMANCE

Impact resistance	ISO 8256	KJ/m <sup>2</sup>	443
Impact resistance Charpy +23°C -50% HR	ISO 179-1	KJ/m <sup>2</sup>	53.6
Thermal conductivity		W/m <sup>2</sup> °C	6.8
Temperature of bending under load (1.8 N/MM <sup>2</sup> )	ASTM D648	°C	65
Linear coefficient of thermal expansion	D696/79	10 <sup>-6</sup> K <sup>-1</sup>	79
Tensile properties at 23°C	ISO 527- 2/1B/50		
Elasticity modulus	50mm/mn	MPA or N/mm <sup>2</sup>	2311
Tensile strength		MPA or N/mm <sup>2</sup>	29
Elongation at break		in %	41
Welding resistance with Gerflor contract vinyl flooring (wearlayer > 0,5mm)	NF-EN 684	DaN/5cm	>24

**CHEMICAL AND MARK RESISTANCE**

Hydrochloric acid (HCl)	EN 423	1%	OK
	"	0.5%	OK
Sulfuric acid (H <sub>2</sub> SO <sub>4</sub> )	"	1%	OK
Nitric acid (HNO <sub>3</sub> )	"	1%	OK
Phosphoric acid (H <sub>3</sub> PO <sub>4</sub> )	"	1%	OK
Acetic acid (CH <sub>3</sub> COOH)	"	1%	OK
Hydrogen fluoride (HF)	"	1%	OK
	"	0.5%	OK
Hydrogen peroxide solution (H <sub>2</sub> O <sub>2</sub> )	"	1%	OK
Sodium hydroxide (NaOH)	"	1%	OK
Ammoniac solution (NH <sub>3</sub> )	"	1%	OK
Sodium hydrochlorite (NaClO)	"	1%	OK
	"	0.5%	OK
Methanol (methyl alcohol)	"		OK
Ethanol (ethyl alcohol)	"		OK
Isopropanol (propan-2-ol)	"		OK
Butanol (butyl alcohol)	"		OK
Ethylene glycol	"		OK
Acetone	"		OK
Toluene	"		OK
Trichlorethylene	"		OK
White spirit	"		OK
Heptane	"		OK
Sodium chloride (NaCl)	"	1%	OK
Ammonium fluoride (NH <sub>4</sub> F)	"	1%	OK
Potassium chloride (KCl)	"	1%	OK
Eosine	"		OK
Betadine	"	2%	OK
Iode alcohol	"	2%	OK
Onyx	"		NOK
Javel water	"		OK
Alcohol 70°	"		OK