

### DESCRIPTION

Total Thickness	mm	2.00 +/- 0.15
Weight	kg/m <sup>2</sup>	2.8
Density	g/cm <sup>3</sup>	1.49
Length	mm	3000
Width	mm	1300
Stabilization		CaZn

### CLASSIFICATION

Fire resistance	NFP 92 – 507		M1
	BSI		Class 0
	EN13501-1		Bs2d0
Hygiene and decontamination			Pasteur Sector 4
			bacteriostatic
			Anios compliant
Decontamination of surface (radionuclide)	ISO 8690		Bioquell compliant (H2O2)
Migration of specific metals	EN12149-A	mg/kg	Excellent
Vinyl chloride	EN12149-B	mg/kg	<2
Formaldehyde	EN12149-C	mg/kg	non detectable
			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>	56,3
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 vynil flooring (wearlayer > 0,5mm)	NF-EN 684	DaN/5cm	>24
Fire propagation			self extinguible
Humidity absorbtion	ASTM D570		no

**CHEMICAL AND MARK RESISTANCE**

Hydrochloric acid (HCl)	1%	EN 423	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 hdrochlorite (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