

DESCRIPTION

Total Thickness	<i>mm</i>	1.00 +/- 0.15
Weight	<i>kg/m²</i>	1,4 +/-0.2
Density	<i>g/cm³</i>	1.49
Lenghts	<i>mm</i>	600
Height	<i>mm</i>	400 (classic) 600 (fountain)
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
		Excellent

ENVIRONMENT

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

Impact resistance	ISO 8256	<i>KJ/m²</i>	443
Impact resistance Charpy +23°C -50% HR	ISO 179-1	<i>KJ/m²</i>	53,6
Thermal conductivity		<i>W/m² °C</i>	6.8
Temperature of bending under load (1.8 N/MM ²)	ASTM D648	<i>°C</i>	65
Linear coefficient of thermal expansion	D696/79	<i>10-6 K-1</i>	79
Tensile properties at 23°C	ISO 527- 2/1B/50		
Elasticity modulus	50mm/mn	<i>MPA or N/mm²</i>	2311
Tensile strength		<i>MPA or N/mm²</i>	29
Elongation at break		<i>in %</i>	41
Welding resistance with Gerflor contract vinyl flooring (wearlayer > 0,5mm)	NF-EN 684	<i>DaN/5cm</i>	>24
Fire propagation			self extinguible

CHEMICAL AND MARK RESISTANCE

Hydrochloric acid (HCl)	EN 423	1%	OK
	"	0,5%	OK
Sulfuric acid (H ₂ SO ₄)	"	1%	OK
Nitric acid (HNO ₃)	"	1%	OK
Phosphoric acid (H ₃ PO ₄)	"	1%	OK
Acetic acid (CH ₃ COOH)	"	1%	OK
Hydrogen fluoride (HF)	"	1%	OK
	"	0,5%	OK
Hydrogen peroxide solution (H ₂ O ₂)	"	1%	OK
Sodium hydroxide (NaOH)	"	1%	OK
Ammoniac solution (NH ₃)	"	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 ₄ 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