

Declaration of conformity

Date: 01.05.2009

Company: _____

NEN EN 14933 - *Light weight fill and insulation products for civil engineering applications (CEA); Factory made products of expanded polystyrene (EPS) – Specification – October 2007*

products: Factory made Expanded Polystyrene blocks and slabs

Aspects: NEN EN 14933

- 4.2.2. Thickness (EN 823)
- 4.2.6. Compressive Stress at 10% deformation (EN 826)
- 4.2.8.1. Reaction to Fire (EN 13501-1)

Company _____

Director _____

EPS GWW BOARD GEOBLOCK AS LIGHT WEIGHT FILL PRODUCT FOR CIVIL ENGINEERING APPLICATIONS

EN 14933	requirement / characteristic	Reference / test method	uits	EPS 100 GWW GEOBLOCK "Classic"	
				class	value
CE-aspects	(mandatory)				
4.2.2	thickness	NEN-EN 823	mm	T3	± 2
4.2.6	compressive stress at 10% def	NEN-EN 826	kPa	CS(10)100	≥ 100
4.2.8	Reaction to fire (Euroclass)	NEN-EN 13501	class	E	-
Other aspects	(informative)				
4.2.1	length	NEN-EN 822	mm	L2	± 5
4.2.1	width	NEN-EN 822	mm	W2	± 3
4.2.3	squareness	NEN-EN 824	mm/m	S1	± 5
4.2.4	flatness (*)	NEN-EN 825	mm/m	P4	± 5
4.2.5	dimensional stability (23/90%)	NEN-EN 1603	%	-	≤ 1
4.2.7	bending strength	NEN-EN 12089	kPa	BS50	≥ 50
4.3.2.1	Dimensional stability (Specified (conditions)	NEN EN 1604	%	-	-
4.3.2.2	Deformation under specified load and temperature conditions	NEN EN 1605	kPa	-	-
4.3.3	compressive stress at 2 % deformation	NEN-EN 826	kPa	-	-
4.3.3	compressive stress at 5 % deformation	NEN-EN 826	kPa	-	-
4.3.4	Point load	NEN EN 826	kPa	-	-
4.3.5	Compressive creep	NEN EN 1606	kPa	-	-
4.3.6.1	Resistance to cyclic compressive loading	Annex D	kPa	-	-
4.3.6.2	Resistance to cyclic compressive loading	Annex D	kPa	-	-
4.3.7	Bending strength	NEN-EN 12089	kPa	BS50	≥ 50
4.3.8	Thermal resistance and thermal conductivity	NEN EN 12939	W/m.K	-	-
4.3.9.1	Long term water absorption by total immersion	NEN-EN 12087	% (mass)	WL(T)5	≤ 5,0
4.3.10	Freeze-thaw resistance	NEN EN 12091	vol.%	-	-
NL	fire / brandvoortplanting (NL)	NEN 6065	class	1	-
NL	smoke / rookproductie (NL)	NEN 6066	m ⁻¹	-	< 5,4

Notified Body CE marking: Door gecertificeerd instituut o.a. KIWA / INTRON.

EPS GWW / GEOBLOCK Boards:

EN 14933 - CS(10)40, CS(10)50, CS(10)60, CS(10)100, CS(10)150, CS(10)200, CS(10)250

The individual products can be marketed by different names (GEOBLOCK), but are labelled according to the declarations within the CE-marking under EN 14933.

For technical details of the individual products see the individual Product Data Sheet.