DECLARATION OF CONFORMITY CE

Valid from: 01-06-2011 Replaces: 01-06-2010

Manufacturer:

Dow Hellas A.E.
GR–195 00 Thorikon-Lavrion

Greece

Conformity of the products:

The manufacturer declares, that the products mentioned in this declaration meet the requirements defined in the European Standard EN 13164:2008 and conform to Annex ZA of this norm.

Production plant code and country of production:

The products covered by this declaration are manufactured at one/all of the following locations:

85 01 Greece
50 F5 Germany

Notified laboratory

FIW 751	Forschungsinstitut für Wärmeschutz e.V. München Lochhamer Schlag 4 D - 82166 Gräfelfing Germany

Notified laboratory (fire)

CSTB 679	Laboratoire Réaction au Feu 84, avenue Jean Jaurès F - 77421 Marne la Vallée Cedex 2 France

William O. Roderick
Business Quality Leader
Building Solutions
01-06-2011

Building Solutions

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or an affiliated company of Dow

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Product information for CE marking

Description, use and designation codes of the products:

Extruded polystyrene foam (XPS) boards for the thermal insulation of buildings

Designation code

Product name and type:	CE - Designation code:
XENERGY™ CW	T1-CS(10\Y)100-DS(TH)
XENERGY™ CW-SL	T1-CS(10\Y)100-DS(TH)
XENERGY™ ETICS	T3-CS(10/Y)250-DS(TH)-TR200-MU100-SS200
XENERGY™ ETICS SL	T3-CS(10/Y)250-DS(TH)-TR200-MU100-SS200
XENERGY™ GR	T1-CS(10\Y)200-DS(TH)
XENERGY™ IB	T2-CS(10\Y)250-DS(TH)-TR200
XENERGY™ IT	T1-CS(10\Y)250-DS(TH)
XENERGY™ SL (dN = ≤50mm)	T1-CS(10\Y)300-CC(2/1,5/50)60-WL(T)0,7-WD(V)3-FT2-DS(TH)-DLT(2)5
XENERGY™ SL (dN = 50-79mm)	T1-CS(10\Y)300-CC(2/1,5/50)80-WL(T)0,7-WD(V)3-FT2-DS(TH)-DLT(2)5
XENERGY™ SL (dN = ≥80mm)	T1-CS(10\Y)300-CC(2/1,5/50)110-WL(T)0,7-WD(V)3-FT2-DS(TH)-DLT(2)5
XENERGY™ ThermomantoTM	T1-CS(10\Y)250-DS(TH)
XENERGY™ TG	T1-CS(10\Y)250-DS(TH)

Classification of reaction to fire:

Euroclass: E

Declared thermal conductivity and thermal resistance:

	d_N	R_D	1	2	3	4	5	6	7	8	9
	20							0.85			
	30	**1.00**				1.15					
d_N : **26 - 50 mm**	**40**	**1.35**		1.40							
λ_D : **0.03 W/mK**	**50**	**1.65**			1.70	1.75					
	60	**1.95**		2.00							
	70	**2.25**	2.30								
d_N : **51 - 80 mm**	**80**	**2.60**									2.80
λ_D : **0.031 W/mK**	**90**	**2.80**									
	100	**3.15**									
	110	**3.45**									
	120	**3.75**									
d_N : **81 - 120 mm**	**130**	**4.10**									
λ_D : **0.032 W/mK**	**140**	**4.40**									
	150	**4.70**									
	160	**5.00**									
d_N : **121 - 160 mm**											
λ_D : **0.032 W/mK**											