



## Dow Building Solutions

### Technical Data

# XENERGY™ LG

Property <sup>1)</sup>	Standard	Unit	Value	CE code
Cell content	–	–	Air	–
Density	BS EN 1602	kg/m <sup>3</sup>	33	–
Declared thermal conductivity	BS EN 13164	W/(m.K)	0.030	λ <sub>D</sub>
Mechanical properties <sup>2)</sup> Compressive stress or compressive strength at 10% deformation	BS EN 826	kPa	300	CS(10\Y)
Dimensional stability under specified temperature and humidity conditions	BS EN 1604	%	≤5	DS(70,90)
Other properties Reaction to fire	BS EN 13501-1	–	E <sup>3)</sup>	Euroclass
Length x Width	BS EN 822	mm	1200x600	l x b
Thickness	–	mm	50mm XENERGY™ +10mm Mortar	T1
Edge profile	–	–	Long side: Tongue & Groove  Short side: Butt Edge	–
Surface	–	–	Top surface: Mortar layer (~10mm)	–

1) The properties refer to thickness ranges mentioned in the table

2) Measured in thickness direction of foam board

3) No burning droplets

---

Visit [www.dowcorecomposites.com](http://www.dowcorecomposites.com)  
for further information on XENERGY™ LG  
insulation products as well as adhesives  
and sealants from Dow Building Solutions.  
For technical enquiries email [FKLTECH@dow.com](mailto:FKLTECH@dow.com).

**Dow Chemical Company Limited**

Diamond House, Lotus Park  
Kingsbury Crescent, Staines,  
TW18 3AG  
Tel.: 020 3139 4000

[www.dowcorecomposites.com](http://www.dowcorecomposites.com)

[www.dowdop.com](http://www.dowdop.com)

---

Note: The information and data contained in this technical data sheet do not represent exact sales specifications. The features of the products mentioned may vary. The information contained in this document has been provided in good faith, however it does not imply any liability, guarantee or assurance of product performance. It is the purchaser's responsibility to determine whether these Dow products are suitable for the application desired and to ensure that the site of work and method of application conform with current legislation. No licence is hereby granted for the use of patents or other industrial or intellectual property rights. If Dow products are purchased, we advise following the most up-to-date suggestions and recommendations.