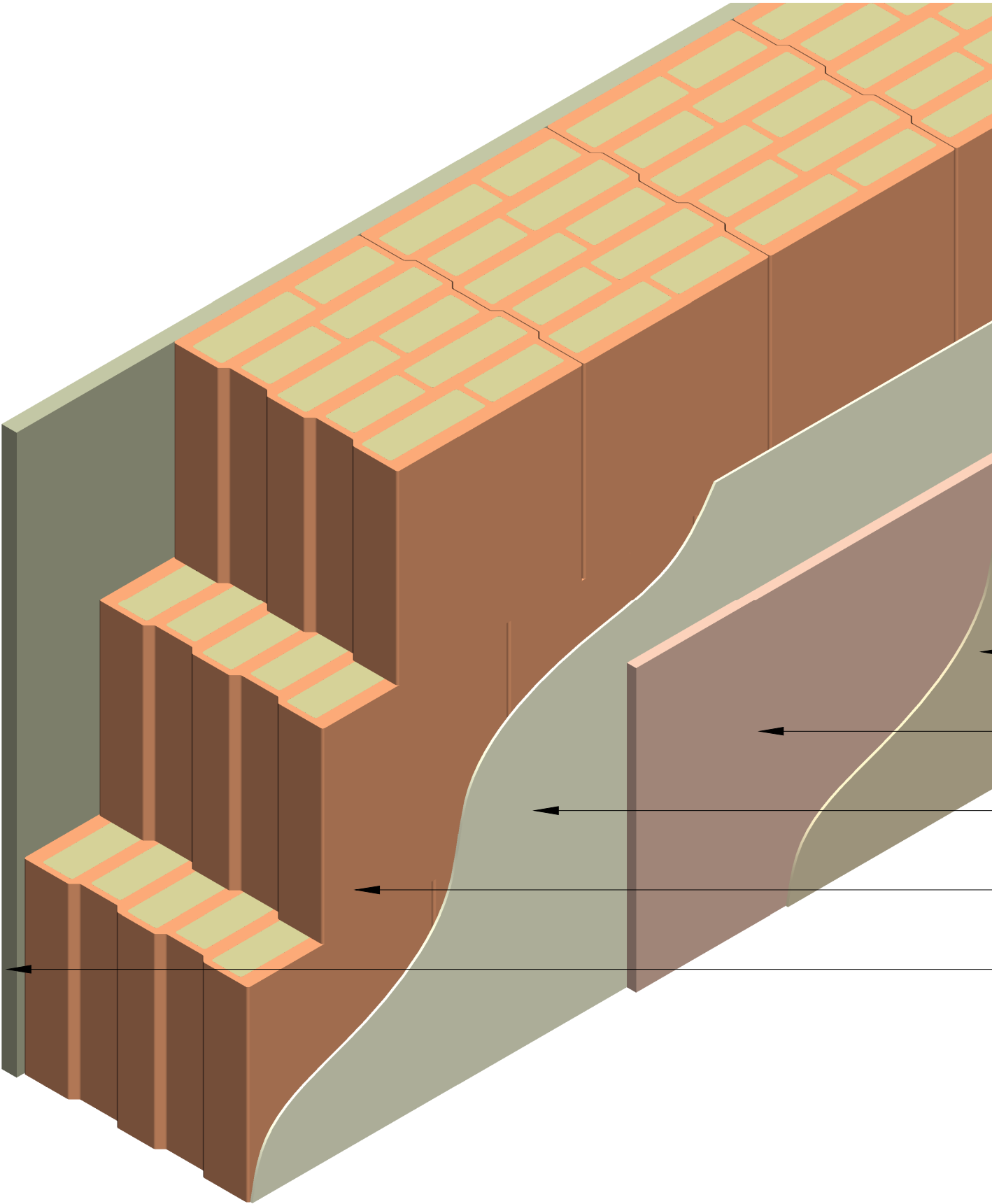


Thermal Performance

The ‘secret’ of the thermal insulation of POROTHERM clay blocks is the air trapped in the many small pores. When the added recycled materials e.g. sawdust, burn away (without residue), countless tiny holes are formed. These innumerable, interconnected pores and the carefully designed web and shell geometry intelligently reduce the flow of heat and thereby heat losses through exterior walls. Lambda values therefore vary according to the fired properties of the clay used in manufacture, density, recycled content and web geometry.



**U = 0.25 W/m2K**

**Monolithic T8 MW with render (mm)**  
  
External Render (20)  
**Porotherm T8 MW (300)**  
Eco Parge (2)  
Dot/Dab Adhesive (10)  
Plasterboard (12.5)  
Plaster skim (3)  
  
**Total wall width 347.5mm**

- Plaster skim
- Plasterboard on 10mm dabs
- Eco Parge
- Monolithic 300 block (T8 MW)
- Render

-	00/00/00	XXXXXXXXXXXXXXXX	XX	XX
rev:	date:	comment(s):	name:	check:



title:

Monolithic u-value solutions  
300mm Monolithic

drg No:

**WBR-PTN-300-UV02**

drawn:	check:	date:	scale:	rev:
JG	XX	05/08/21	1:5 @ A3	-



Wienerberger Ltd

Wienerberger House, Brooks Drive,  
Cheadle Royal Business Park,  
Cheadle, Cheshire, SK8 3SA

T: +44 (0) 161 491 8200  
E: design.uk@wienerberger.com