

## Wall Solution Details for the Fourth Thermal Region of Turkey with Honey Comb Designed ClayMix® Heat Insulation Bricks.



38 cm ClayMix® Honey Comb Brick

Outer Normal Plaster	W Class 38 cm Honey Comb Design ClayMix® Heat Insulation Brick (600 Kg/m <sup>3</sup> ) Bonded with ClayFix® Light Mortar	Normal Inner Plaster
Thickness (cm)	2   38   2	
Heat conductivity (W/mK)	1   0,16   1	
Heat Loss (W/m <sup>2</sup> K)	<b>0,39</b>	



15 cm Honey Comb Brick

Normal Outer Plaster	W Class 15 cm Honey Comb Design Heat Insulation Brick (650 Kg/m <sup>3</sup> ) Bonded with Normal Mortar	EXTRA INSULATION	Normal Inner Plaster
Thickness (cm)	2   15   6   2		
Heat conductivity (W/mK)	1   0,18   0,04   1		
Heat Loss (W/m <sup>2</sup> K)	<b>0,39</b>		

Suggested value for the Fourth Region is under 0.4 W/m<sup>2</sup>K

Thickness (cm)  
Heat conductivity (W/mK)  
Heat Loss (W/m<sup>2</sup>K)

**Cities in the Turkey's Fourth Thermal Region:** AFŞİN (K.Maraş), AĞRI, ARDAHAN, BAYBURT, BİTLİS, ELBİSTAN (K.Maraş), ERZİNCAN, ERZURUM, GÜMÜŞHANE, GÖKSUN (K.Maraş), HAKKARİ, KARS, KASTAMONU, KAYSERİ, KELES (Bursa), KIĞI (Bingöl), MESUDİYE (Ordu), MUŞ, PÜLÜMÜR (Tunceli), SİVAS, SOLHAN (Bingöl), ŞEBİNKARAHİSAR (Giresun), ULUDAĞ (Bursa), VAN, YOZGAT