

## Products Parameters

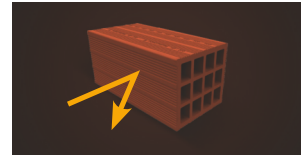
Name	Length	Width	Height	Density	Compressive Strength	Water Absorption	Efflorescence	U-Value	Sound Insulation	Fire Resistance	
	MM	MM	MM	Kg	Kg/m <sup>3</sup>	N/mm <sup>2</sup>	%	W/m <sup>2</sup> K	Rw (dp)	Min	
Porotherm HP 200	400	200	200	11.1	694	≥3.5	~15	Slight	11.0	46	240
Porotherm HP 150	400	150	200	8.8	733				1.2	43	120
Porotherm HP 100	400	100	200	6.3	788				1.7	40	90
Porotherm HP 200H	200	200	200	5.8	Same as full bricks	Same as full bricks	Same as full bricks	Same as full bricks	Same as full bricks	Same as full bricks	
Porotherm HP 150H	200	150	200	4.2							
Porotherm HP 100H	200	100	200	3.1							



**Light Weight**  
enables faster construction



**High compressive strength**  
efficient and long-lasting



**Excellent thermal and sound insulation**  
ensures comfortable living



**100% natural, sustainable and Green Building rated material**



**With nearly 200 years of experience, the World leader in Clay building materials**

196 YEARS

212 PLANTS

30 COUNTRIES

Wienerberger has become the foremost authority when it comes to natural, sustainable, green building material solution provider. Headquartered in Vienna, Austria.

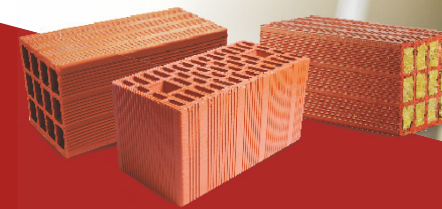
**Porotherm**

Wall Solutions

**Wienerberger**  
Building Material Solutions

# SMART SOLUTION FOR A SMART GENERATION

Modern architects and smart builders look for three things: quality, efficiency and reliability.



## Porotherm Clay bricks offer much more...

### Better efficiency

Low water absorption- just 15%... the lowest compared to any other walling material in the market.

### Advantages

- ▶ No dampness in the walls through bricks
- ▶ Minimal or no cracks in the wall
- ▶ No shrinkage or expansion of the wall since the bricks have been fired in 9600 C
- ▶ Fast drying, avoids mold formation, assists faster completion of project

### Lasts for generations

Porotherm is not susceptible to 'carbonation' (transformation of alkaline substances of cement stone to calcium carbonate, changing the PH value from 12 to 9, thus leading to corrosion of reinforcement and adjacent frame structures). This makes Porotherm a preferred choice as against other walling materials, including light weight concrete blocks.

### Comfortable living

Promotes better thermal and sound insulation, providing a comfortable indoor environment Natural Green building material certified by Indian Green Building Council (IGBC) and Green Rating for Integrated Habitat Assessment (GRIHA).

www.wienerberger.in



**Wienerberger**  
Building Material Solutions

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