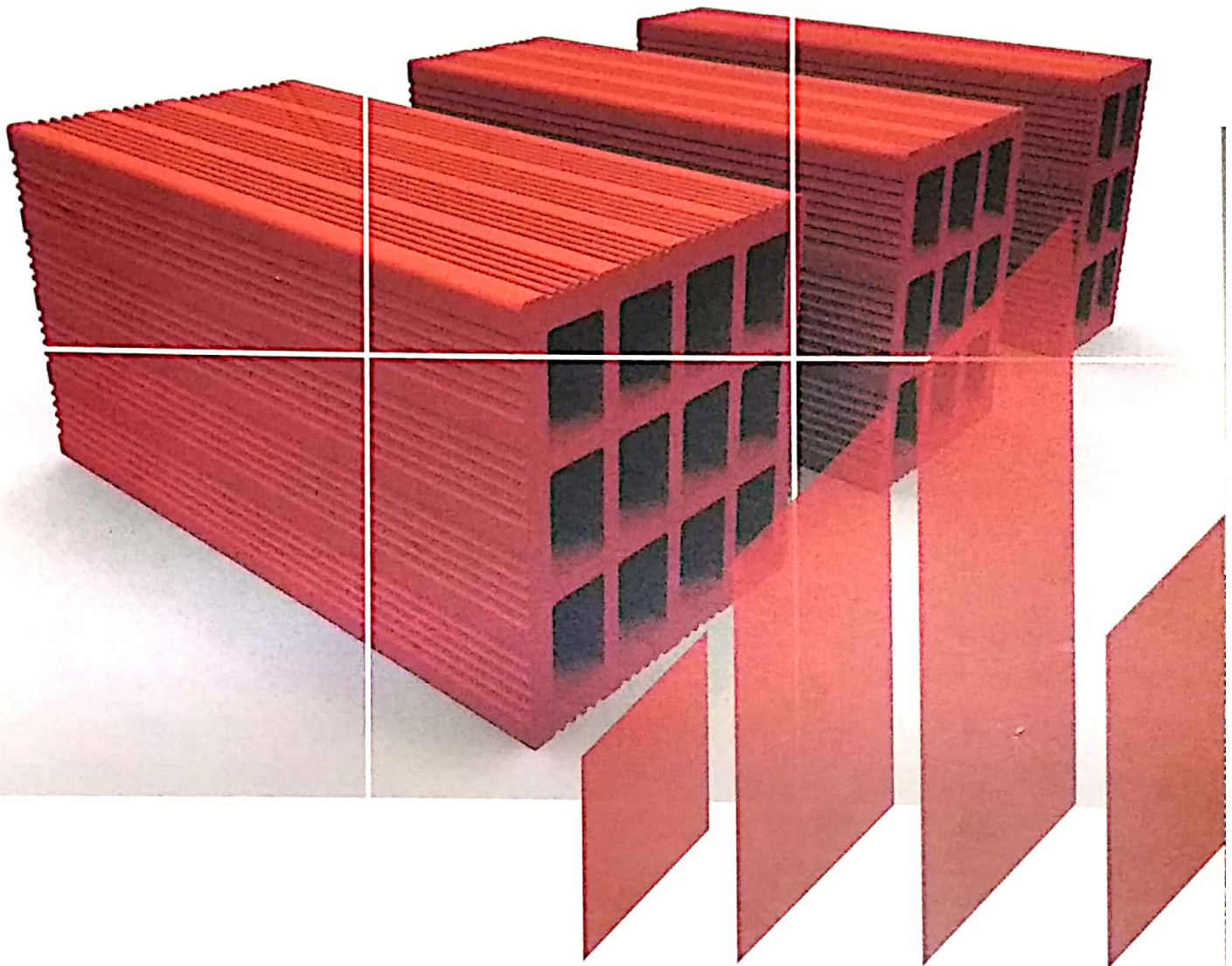


**Not just
another brick
in the wall.**

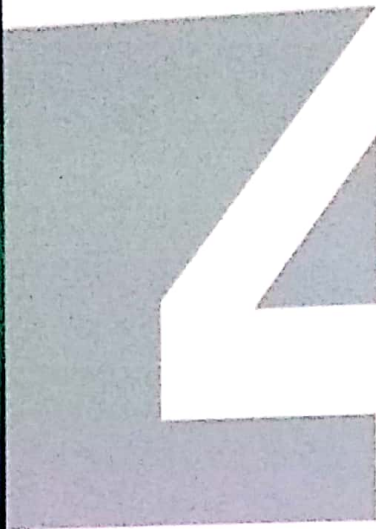


Indian Green Building Council

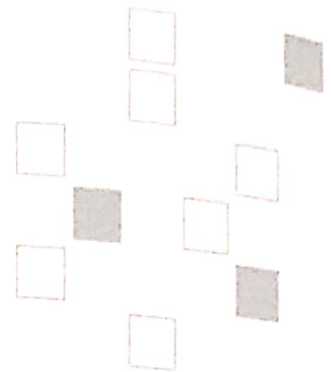


GRIHA

Porotherm Horizontally Perforated Clay Bricks are new age advanced clay bricks used for non-load bearing construction. These bricks are environmental friendly, cost-effective and easy to use resulting in faster construction. Porotherm is manufactured by Wienerberger in its state-of-the-art factory at Bangalore. Wienerberger is a 193 year old Austria based company with 226 plants worldwide.



things that make
Porotherm HP
the most
advanced walling
solution today.



Light weight & faster construction

- Porotherm HP bricks are 60% lighter than conventional walling material thus allowing substantial savings on structural cost due to reduction in dead load.
- This also allows for faster construction and ease of handling resulting in higher productivity.



Comfortable and healthy living

- Porotherm HP provides excellent thermal insulation that's 45% better compared to conventional walling material.
- This leads to direct savings in energy consumed through air conditioning and heating devices.



Natural and Green

- The clay used for production is sourced from de-silting of dead water tanks and only natural additives like coal ash, rice husk and saw dust are used.
- Listed by IGBC (Indian Green Building Council) in the 'Green Product Category' under - energy efficient product, material with recycled content & use of regional material.



Unlimited life and maximum fire protection

- Porotherm HP has an exceptionally long life. It can withstand fire naturally and is fired at 1000 degrees and has a fire rating of F240 for 240 minutes.



At a Glance

- Light weight – up to 60% less weight than conventional walling material.
- Excellent thermal insulation.
- High compressive strength.
- Natural and green product.
- Faster construction and ease of handling.

Porotherm HP - Product Parameters*

Name	Length	Width	Height	Weight	Density	Compressive Strength*	Water Absorption*	Efflorescence*	U-Value	Sound	Fire Resistance
	mm	mm	mm	Kg	Kg/m ³	N/mm ²	%		W/m ² K	dB/m	Min
Porotherm HP 200	400	200	200	11.1	694	≥ 3.5	-15	Slight	1.0	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	Same as full bricks
Porotherm HP 150H	200	150	200	4.2							
Porotherm HP 100H	200	100	200	3.1							

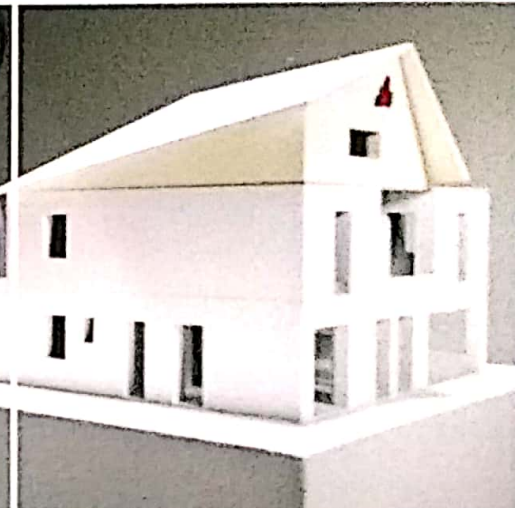
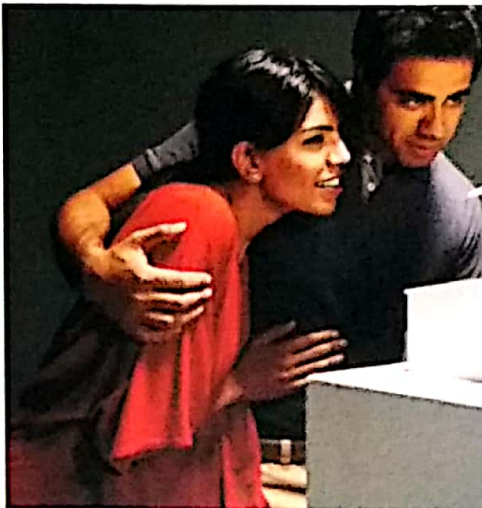
*As per IS 3952 Standards

Porotherm HP - Tolerance

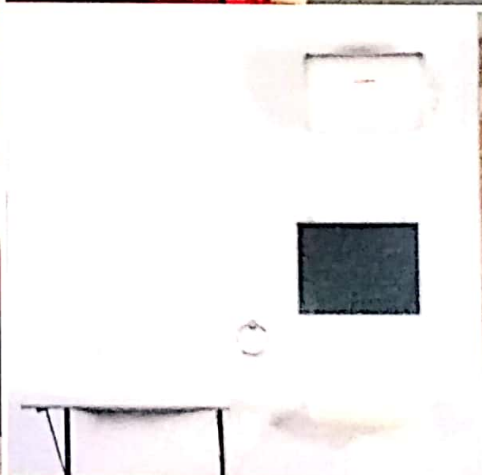
Dimensions (mm)	400	200	150	100
Tolerance	± 8	± 4	± 3	± 2

Note: Being a natural product, variance in colour is a possibility.

**“Living spaces
full of warmth
and security.”**



Conduiting

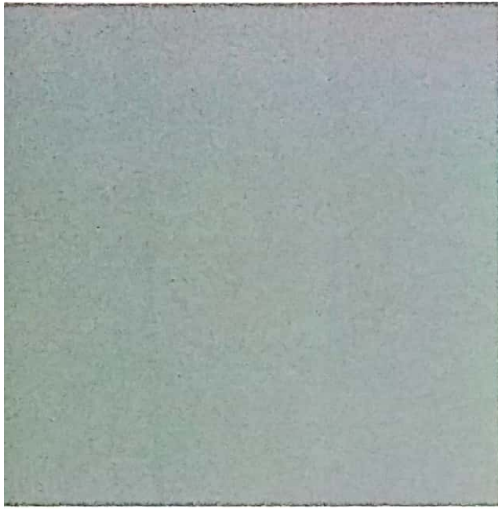
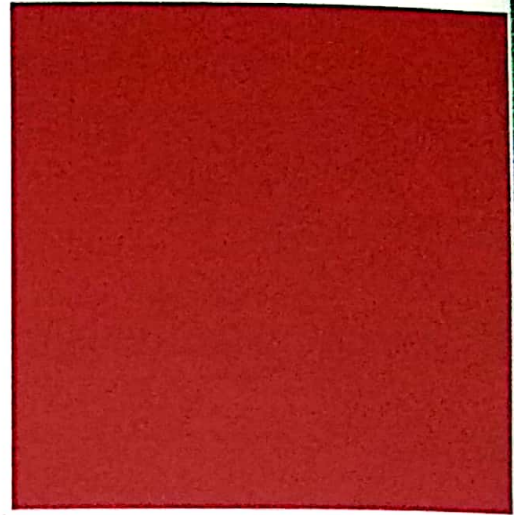
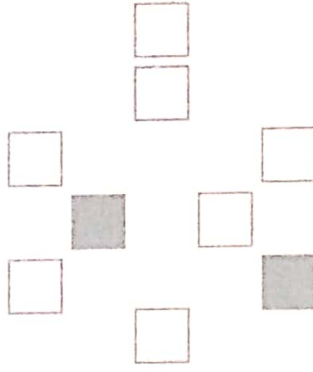


Load Fixing



Drilling

Application



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