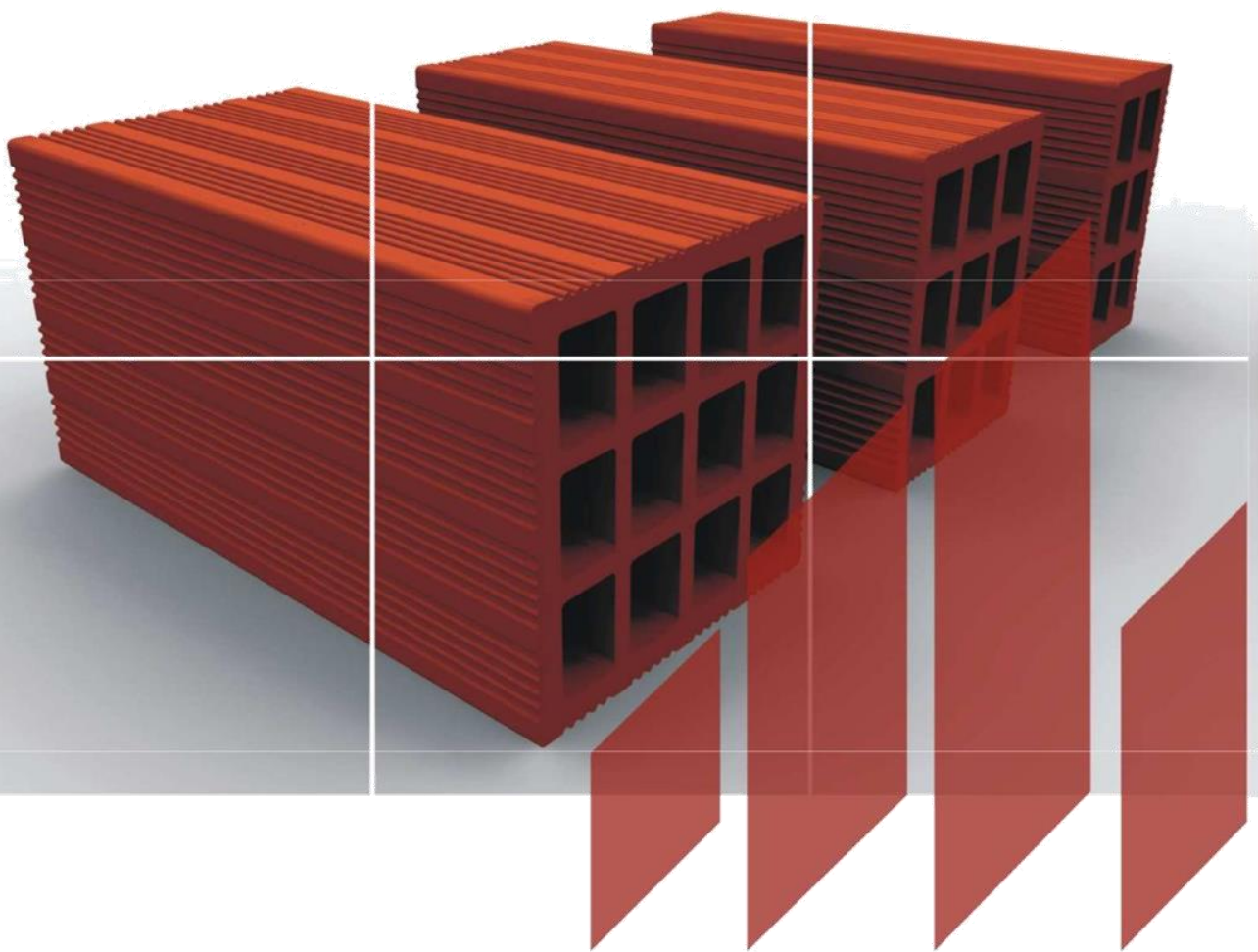




Wall Solutions

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



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 as it 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 | Rw (db) | 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 | | | | | Same as full bricks | Same as full bricks | Same as full bricks |
| Porotherm HP 100H | 200 | 100 | 200 | 3.1 | | | | | Same as full bricks | Same as full bricks | Same as full bricks |

*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

Our Authorized Distributors



No 475-F2, Sourabha, Jawaharlal Nehru Road,
BEML 3rd Stage, Opp Sub Register Office, RR Nagar,
Bangalore, Karnataka, India – 560098

Landline : 080-28611303 / 28601393
Phone : +919538101456 / 9538501236

Mail : info@durgamba.co.in
Web: www.durgamba.co.in