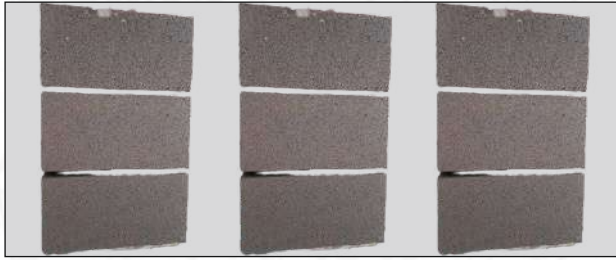


POWER CONCRETE BLOCKS

Solid & Hollow Blocks



Power Concrete blocks plays a vital role in today's Construction Industry as it is designed for **load / non load bearing walls** and **is economical**. We manufacture customised POWER Concrete Blocks with a mixture of cement, various types of aggregates, additives etc. We manufacture Power Concrete blocks on Automated Machine which are manufactured by hydraulic pressure and with German Based **dual vibration system** which gives it **high strength** and makes it **more durable**. The block have a rough texture which helps in excellent bonding between cement mortar and block. POWER blocks are made after stringent quality checks and made from **PLC controlled machine** and as per **IS Code 2185-1/2005**.

Advantages



Uniform Size



Highly Durable



Fire Resistance



Economical



Sound Insulation



Weather resistance

Technical Specifications	Power Solid Concrete Block	Power Hollow Concrete Block
Compressive Strength	5 - 12 N / mm ²	4 to 5 N / mm ²
Block Density	1600 - 2150 Kg / m ³	1350 - 1800 Kg / m ³
Fire resistance	2 hrs min.	2 hrs min.
Size tolerance	+ / - 5 mm	+ / - 5 mm
Dry shrinkage	0.10 % max	0.10 % max
Moisture movement	0.09 % max	0.09 % max
Efflorescence test	Negligible	Negligible
Water Absorption	Not more than 10%	Not more than 10%



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for more detailed information about product kindly visit www.nrvinfra.com

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Steps for laying Power Concrete Blocks

Arranging and preparation of necessary tools, scaffolding, safety tool, mixer, etc for laying Power Concrete Blocks

Sprinkling / Soaking of Power Concrete Blocks in water before use.

Mixing and Preparation of Mortar.

Curing of Blocks as per IS Code.

Finishing of joints and cleaning of extra material.

Placing of Mortar and laying of Power Concrete Blocks

Area of Applications

Solid: Foundation, Retaining & Partition Walls, Load / Non load bearing Walls, chimney & fire places etc.

Hollow: Partition walls, filler walls & non load bearing walls, etc.



Size	No of blocks per CBM.	Weight of Solid Blocks in KG	Weight of Hollow Blocks in KG
390 x 190 x 190	72	33	21
390 x 190 x 140	100	24.35	18
390 x 190 x 125	109	21.72	15
390 x 190 x 90	152	15.65	-

Safety Measures :

USE:



Disclaimer: The use of this product is beyond the manufacturer's control and liability is restricted to the replacement of material proven faulty. The manufacturer is not responsible for any loss or damage arising from incorrect usage. Specifications are subject to change without notice.



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