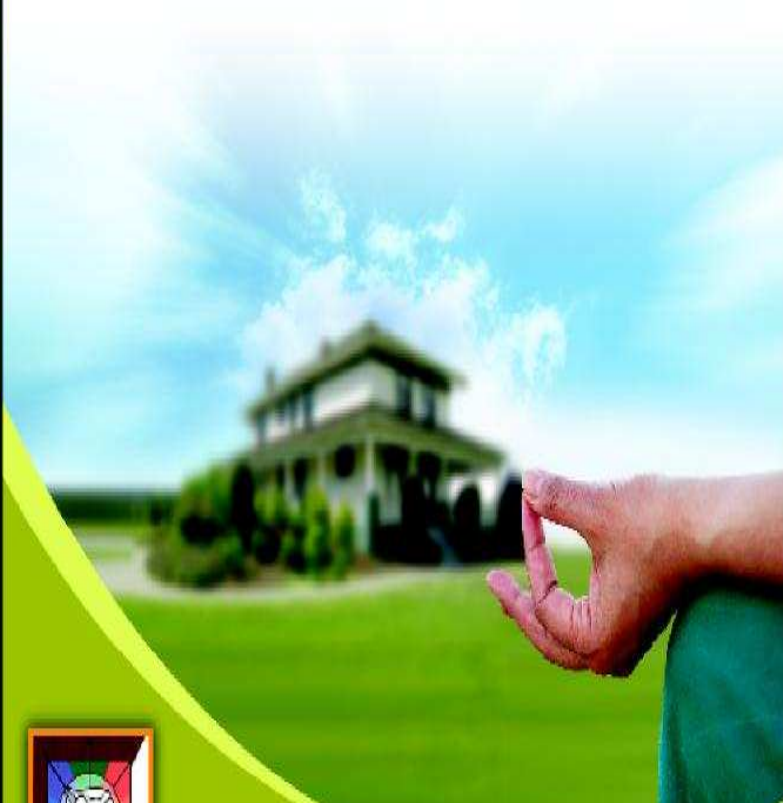
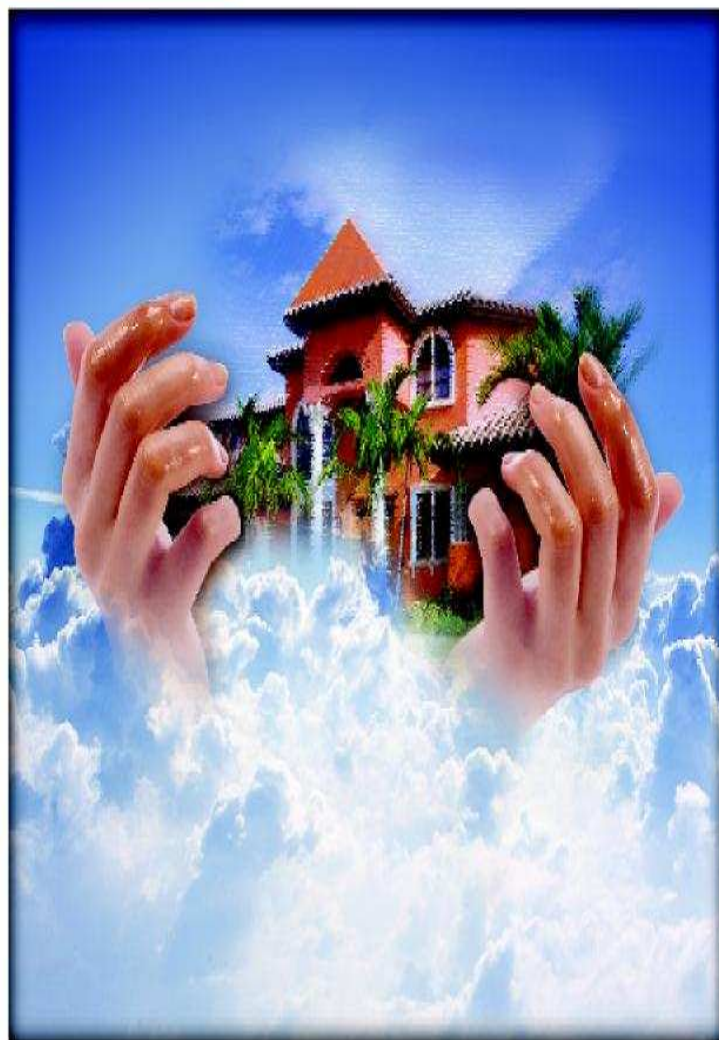


TIPS FOR SUPER HOMES





TIPS FOR SUPER HOMES



SUPER SMELTERS LTD.
An ISO 9001:2000 Certified Company

Corporate Office : 39, Shakespeare Sarani, Premilata, 3rd Floor,
Kolkata - 700 017, Telefax : 2289-2734/35/36 E-mail : supershakti@sify.com
Office & Works : Kanjilal Avenue (Opp. DPL Zone 'B' Sub station)
Durgapur 713210, Phone : 0343-2553284, 2552588, 2558159
Telefax : 0343-2550501

www.supersmelters.in

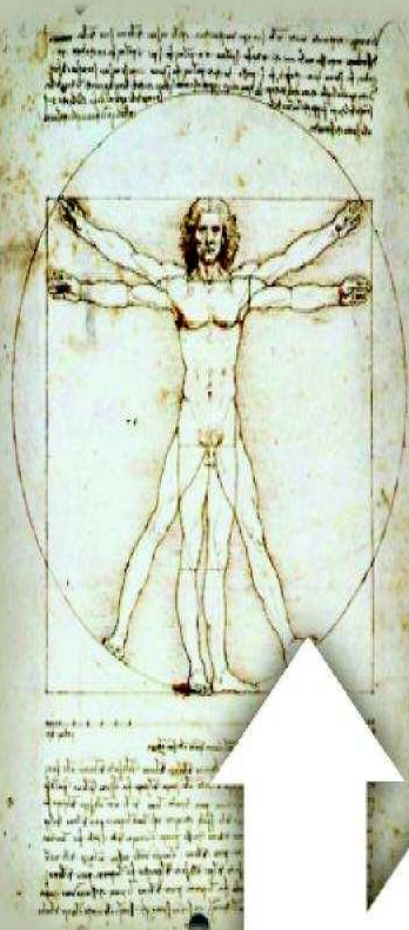
IS: 2831

Billets
IS: 1786

Bars

TIPS FOR SUPER HOMES





Index

All about your Dream House	1
Vastu for Health, Pleasure & Prosperity	3
Useful Civil Engineering Information	5
BIS and its relevance with respect to the emergence of TMT	9
Billet vs Ingot in TMT production	11
Chemical Composition and Physical Properties of relevant bars	12
Sectional Weight and Tolerances of bars	13

All about your DreamHouse



Where to Buy ?

Have you visited the exact location of the prospective property ?

What is the condition of the surrounding roads ?

Is there a daily provisions store nearby ? What about schools, transport, cinema halls, entertainment centres and shopping arcades ?

Lifestyle

Is the neighbourhood quiet or busy, cosmopolitan or restricted to a single community ?

Is there a secure place for children to play?

Does the parking area have enough space for each and every apartment owner ?

The Location

Is the locality likely to be developed further ?

Will it turn into a commercial area ?

The Promoter

Does the promoter have a reputation to protect?

Has the promoter built any visible properties in the past? Has the promoter delivered apartments on schedule?

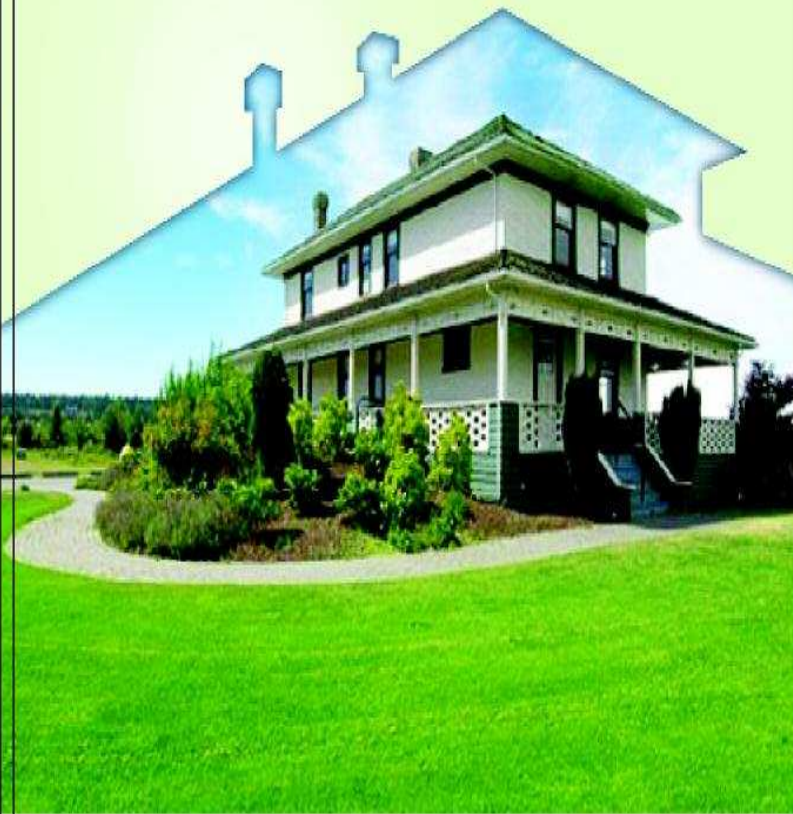
Have the existing buyers been happy with the quality of construction in the past?

The right price

Is the price of property in neighbouring building lower?

Is there a price escalation clause in the fine print ?





Vastu for Health, Pleasure & Prosperity



The Indian Science of all building construction is known as Vastu Shastra and it outlines and details the rules for the construction of your house according to the rules of 'Rita'.

Vastu is based on the Magnetic Waves which travels from North to South, and it is also based on the movement of the Sun. The rays of the rising Sun are known to have a beneficial effect on our health.

The house plan should follow the following principles :

Bedroom	The master bedroom should be such so that the bed can be kept along the southern wall.
Balcony	Either NE or alternatively SW, covered with glass of screens.
Bathroom	Should be in the West and South directions and the flow of its drain should be towards NW. Once the commode is used, the face should be towards west or south. Exhaust fan can be fixed in the north and east wall and the geyser should be in the SE.
Basement	Should be in the North, East or NE.
Child's Room	Should be constructed in the NW corner.
Cowshed	Should be in the NW.
Doors	Should be in the North and East. Some painting or window should be opposite each door.
Drawing Room	Should be such so that open space remains maximum in North and East, keeping the furniture in South and in West.
Dining Room	Should be in the SE.
Garages	Should be in the NW corner.
Guest Room	Should be in the NW corner.
Kitchen	Should be in the SE corner and also the LPG cylinder should be placed in the SE corner of the kitchen.

Post-Payment

Are you paying in part or on completion basis?

Have you checked whether there is a penalty clause in the event of a delay in construction?

Are you visiting the site to get a first hand view of the progress?

Nature of Land

Is the property that you wish to acquire built on freehold land?

If it is on leasehold, have you checked the lease duration?

If similar properties are on freehold land, have you found out why yours is not ?

Legalities

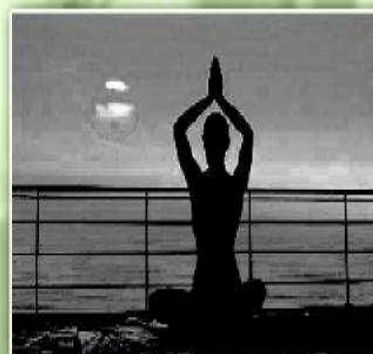
Have you scrutinized the agreement between the landowner and developer to check that the property is free from encumbrances?

Has any home finance company appraised the project?

Construction

Have you ensured that the promoter did engage a qualified and reputed Architect?

Have you checked that the prime construction material, including Cement and TMT Bars, are from BIS marked standard manufacturers?



Useful Civil Engineering Information

Main Switch	Should be in the SE corner
Main Gate	NE and West directions are considered best for the main gate of the house.
Portico	Should be in the NE and its height should be less than that of the main roof.
Servant Quarter	NE corner but load on the north and the east wall should be kept at a minimum.
Staircase	Can be constructed in any direction except NE.
Pooja Room	Should be in the NE and the face of the idol should be towards North or East.



Important Tips

- Cactus should not be planted or kept in the house.
- Idol should not be placed in south-east.
- All the doors should open inside so that the energy remains within the house.
- The hinges of the doors should be noiseless.
- The doors should open toward the right.
- Beds should not be placed under a beam.
- There should not be five corners in the ceiling of a room.
- Efforts should be made to leave the rooms open on the NE side.
- While ascending the staircase, the face should be either towards the north or the East.
- The seat of the toilet should face north-south.
- No doors or windows should be provided on SW side.
- Almirahs and beds should be set very close to the SW wall and at a distance from the NW wall.

Metric System

To Convert	Multiply by
Inch to Cm	2.54
Meter to Feet	3.28
Miles to Km	1.60
Sq Meter to Sq Feet	10.76
Hectares to Acres	2.47
Cubic Meter to Cubic Feet	35.52
Gallon to Litres	4.53
Kilogram to Pound	2.20
Kilowatt to H.P.	1.34

Floor Area

Floor Area is equal to plinth area minus area occupied by walls

Carpet Area

Carpet Area of building is the useful area or liveable area and excludes circulation area

Reduction in strength of concrete made with stored cement

Period of Storage of Cement (months)	0	3	6	12	24
App. relative strength of (28 days percent)	100	80	70	60	50

Removal of Forms

Sides of foundations, Col, Beamss, Walls	2 days
Undersides of Slabs upto 4.5 m span	7 days
Undersides of Slabs above 4.5 m span and sides of beams & arches upto 6 m span	14 days
Undersides of beams & arches up to 6 m spans & upto 9 m span	21 days
Undersides of beams & arches over 9 m span	28 days

