

## Prime Gold Product Range

### Main features of Prime Gold Cement

- > Quick Strength in Construction
- > Rust Resistant
- > Sulphate & Chloride Resistant



### Main features of Prime Gold S. S. Pipes

- > Corrosion Resistant
- > Faster fitting
- > Longer life
- > Cost effective



### Main features of Prime Gold Paints

- > Easy to apply
- > More Coverage
- > Make attractive Surface



### Main features of Prime Gold Tile Adhesive

- > Strong Grip
- > Waterproof
- > More Coverage



### Main features of Prime Gold POP

- > Pure White (10% Extra)
- > More Strength (7% Extra)
- > Crack Free



### Main features of Prime Gold Wall Putty

- > More Smoothness on wall
- > Water Resistance Capacity
- > Long Durability



Available in States : Delhi, Haryana, Chhattigarh, U.P., Punjab, M.P., Karnataka, Maharashtra, Bihar, West Bengal, Himachal Pradesh

### PRIME GOLD INTERNATIONAL LTD.

Pradeep Agarwal Group

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IS:1786:2008



AN ISO 9001 : 2000 CO.



Sirf Steel Nahin,

Pure Steel

Fe-500



PRIME GOLD INTERNATIONAL LTD. (PRADEEP AGARWAL GROUP)

# Prime Gold Pure Steel (Power of Technology)

Prime Gold International Ltd. (Pradeep Agarwal Group), a name to reckon with, is known for its vision and commitment in every endeavour. The group enjoys a very strong foothold in various segments like Steel, Cement, Paints, S. S. Water Pipes, Tile Adhesive, POP & Wall Putty.

Established by Shri Pradeep Agarwal, group has rewritten the rules and ushers in a new era in manufacturing, marketing and distribution of infrastructure related products and construction material.

The group is determined to keep marching ahead with its promise of delivering quality in everything they offer.

Backed by the year of experience and robust standing of Prime Gold International Ltd. comes Prime Gold TMT bars in Grade **Fe-415, 500** available in dias **8 to 32mm**.

## Advantage of Prime Gold TMT Saria

- Greater yield Strength
- Greater bond strength
- Greater fatigue Strength
- Greater bendability & Weldability
- Better factor of safety
- Earthquake resistant
- Suitable for both compression and reinforcement due to hyper resistance
- More depth in Ribs
- Heat bearing capacity upto 300°C

...For the BEST tomorrow



IRRESISTIBLY Designed!

Prime  
Gold  
Pure  
Steel



## INTERNATIONAL QUALITY STANDARDS

Properties/ Compositions	India (IS:1786)	Prime Gold TMT	American ASTM (A 615)	Euro (DIN 488)
<b>Mechanical Properties</b>	<b>Grade FE-415</b>	<b>Grade FE-415-PG</b>	<b>Grade 40 (300)</b>	<b>BS 420-S</b>
Proof Stress	415 N/mm <sup>2</sup>	450 N/mm <sup>2</sup>	300 Mpa	420 Mpa
Tensile Strength	485 N/mm <sup>2</sup>	530 N/mm <sup>2</sup>	500 Mpa	500 Mpa
Elongation	14.50%	20%	12%	10%
Blend Test	Upto 22 mm-3D		10 to 16 mm-3.5D upto 20 mm-5-D	6 to 12 mm-5D 14 to 16 mm-6D 20 to 28mm-8D
<b>Chemical Composition (%)</b>				
Carbon	0.30 Max.	0.30 Max.	0.24-0.33%	0.22 Min.
Sulphur	0.06 Max.	0.06 Max.	0.05 Max.	0.05Max.
Phosphorus	0.06 Max.	0.06 Max.	0.06 Max.	0.05Max.
S+P	0.11 Max.	0.11 Max.	0.12 Max.	0.12 Max.
<b>Mechanical Properties</b>	<b>Grade Fe-500</b>	<b>Grade Fe-500-PG</b>	<b>Grade 60 (420)</b>	<b>BS 500-S</b>
Proof Stress	500 N/mm <sup>2</sup>	530 N/mm <sup>2</sup>	420 Mpa	500 Mpa
Tensile Strength	545 N/mm <sup>2</sup>	600 N/mm <sup>2</sup>	620 Mpa	550 Mpa
Elongation	12%	15%	9%	10%
Blend Test	Upto 22 mm-4D	Upto 22 mm-3D	10 to 16 mm-3.5D 20 mm to 25 mm-5d 28 mm to 32 mm-7D	6 to 12 mm-5D 14 to 16 mm-6D 20 to 28 mm-8D
<b>Chemical Composition (%)</b>				
Carbon	0.30 Max.	0.14-0.22%	0.05 Max.	0.05 Min.
Sulphur	0.06 Max.	0.05 Max.	0.05 Max.	0.05 Min.
Phosphorus	0.06 Max.	0.05 Max.	0.12 Max.	0.12 Min.
S+P	0.11 Max.	0.09 Max.	0.06 Max.	
Mn.		0.4 Min.	1.30-1.60 Max.	
Si.		0.4 Max.		