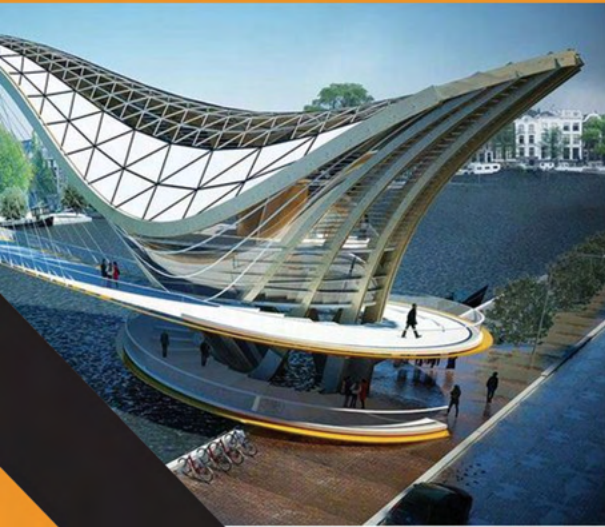




# PRETEC

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FUSION BONDED  
EPOXY COATED REBARS



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## About Us

Pretec Underground Private Limited (Pretec India) is a 100% owned subsidiary of the renowned Pretec Group AS, which has its Head Office in Norway. The company is specialized in supply the market with combination bolts, both NC-Bolt and PC-Bolt with long service life.

Pretec India has been into the business of Fusion Bonded Epoxy Coating (FBEC) to Steel Reinforcing Bars from a fully integrated coating facility at Visakhapatnam.

## Fusion Bonded Epoxy Coating

Fusion bonded epoxy powder coating, commonly referred to as FBE coating, is an epoxy based powder coating that is widely used to protect concrete reinforcement bars from corrosion. The epoxy powder is applied by electrostatic spray on hot steel at preset temperature level. The powder, when in contact with hot bar, melts, flows, gels, cures, cools and produces a well adhered continuous corrosion resistant protective coating. The thermosetting of the epoxy is an irreversible process and provides a good protection to reinforcement bars against corrosion. It prevents attack of chloride ion on the metallic surface and the occurrence of electro chemical reaction initiating corrosion of steel.

Coating Standard : IS 13620 / ASTM A775/A775M and NACE SP 0395

Bar Diameter : 6 mm to 40 mm

## Coating Process



Surface Preparation



Pre-Heating



FBE Application



Curing



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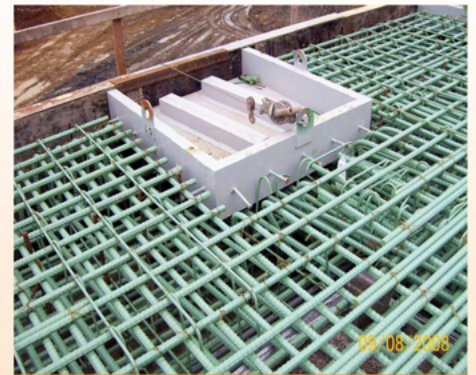


## ADVANTAGES :

- ◆ EXCELLENT CORROSION PROTECTION
- ◆ EXTENDED SERVICE LIFE
- ◆ COST EFFECTIVE LIFE CYCLE
- ◆ TRIED AND TESTED TECHNOLOGY (>50 YEARS)
- ◆ GLOBAL ACCEPTANCE
- ◆ EASY TO BE BENT DURING FABRICATION
- ◆ LESS MAINTENANCE COST

## USAGE OF FBE COATED REINFORCING BARS

- ◆ BRIDGES
- ◆ BUILDINGS
- ◆ PAVEMENTS
- ◆ POWER PLANTS
- ◆ PARKING DECKS
- ◆ WHARFS
- ◆ WATER TREATMENT PLANTS
- ◆ CONCRETE REPAIRS





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**PRETEC UNDERGROUND PVT. LTD.**  
(Wholly Owned Subsidiary of Pretec Group AS)

Plot No. 176, D-Block, Autonagar  
Visakhapatnam - 530012

Ph : **0891-2743432**

**8341145529**

e-mail : [marketing@pretecindia.in](mailto:marketing@pretecindia.in)



[www.pretecindia.in](http://www.pretecindia.in)