



# EARTHQUAKE RESISTANT



**Elite Iron & Steel Industries Limited**

### **Factory Unit - 1**

Bade Kalmeshwar, Board Bazar  
Joydebpur, Gazipur

### **Head Office**

South Avenue Tower (2nd Floor)  
Road 3, House 50, 7 Gulshan Avenue  
Gulshan-1, Dhaka

### **Factory Unit - 2**

Bagdi, Ghorashal  
Palash, Narsingdi

## Company Overview

Elite Iron & Steel Industries Limited (**Elite Steel**) is a unit of the Elite Group family and the pioneer of quality steel. It was established in 1983 as the first integrated steel company in Bangladesh. In 1987, it became the first company in the country to install an Electric Induction Furnace from RADYNE (United Kingdom). To further expand its production capabilities, Elite Steel added the second unit in 2023. The business strategy at Elite Steel is focused on providing customers with trusted and proven products.

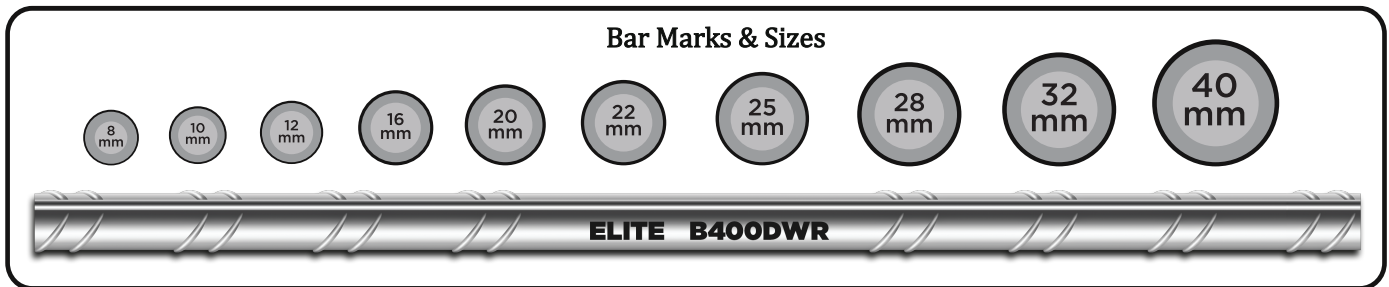
**ELITE STEEL B400DWR** also known as **EIS B400DWR | ELITE-60** represents the pinnacle of strength and durability in the construction industry, which is designed to meet the specific needs of Bangladesh's dynamic construction landscape and fully aligns with the specifications outlined in BDS ISO 6935-2:2016, this rebar boasts a Yield Strength of 400 megapascals (MPa), ensuring optimal structural stability in line with the Bangladesh National Building Code (BNBC) guidelines.

## Benefits

- De-scaled bars offer improved concrete bonding and reduced on-site wastage
- Physical properties and chemical composition are consistent
- Comparatively corrosion resistance bar
- Resistant in thermal and earthquake situations
- Excellent ductility and malleability
- Enhanced durability
- Refined grain structure and free from slag and inclusion
- 20% reduction in steel consumption, resulting in significant cost savings

## Salient Features of ELITE STEEL B400DWR | ELITE-60

- **Yield Strength** : 400 MPa (Min)  $\approx$  60,000 psi
- **Tensile Strength** : Upper yield strength x 1.25 (Min)
- **Elongation** : 13%-17% (after fracture), according to BDS ISO 6935-2:2016



Bar Length: 12 Metres/39+ Feet (regular)

## Applications



High-rise buildings



Skyscrapers



Long-span bridges



Flyovers



Power plants



Railways

