

# Dalmia cement



## Dalmia DSP

**- ULTIMATE -  
CONCRETE EXPERT**



**RCF Strong. Toh Ghar Strong.**

# Dalmia DSP

## -ULTIMATE- CONCRETE EXPERT

Dalmia DSP RCF Expert++ is engineered for high-strength applications like roofs, columns, and foundations. Made with high-quality clinker, processed fly ash, gypsum, and additives, its key feature is high reactive silica. This silica reacts with liberated lime to form additional "CSH" gel, a process called secondary hydration. This fills pores in the concrete, significantly reducing permeability and protecting it from water damage and chemical penetration, resulting in exceptionally strong and durable structures.



HIGH  
REACTIVE  
SILICA



NANO  
BONDING  
TECHNOLOGY



PORE  
REDUCTION  
TECHNOLOGY

### WHY TO CHOOSE DALMIA DSP RCF EXPERT++



#### POWER OF HIGH REACTIVE SILICA AND NANO BONDING

Dalmia DSP RCF Expert++ utilizes High Reactive Silica and revolutionary Nano Bonding Technology, promising a robust and long-lasting home. Its unique composition delivers rapid strength in concrete structures. Perfect for modern, high-strength construction needs.



#### ADVANCED PORE REDUCTION TECHNOLOGY

Dalmia DSP RCF Expert++ reduces pore size by reacting high-reactive silica with moisture. This innovative technology protects reinforcement from corrosion by creating a denser, more durable concrete.



#### SPECIALLY ENGINEERED FOR HIGHER STRENGTH

Dalmia DSP RCF Expert++ Cement combines superior clinker, reactive silica-rich fly ash, gypsum, and additives. This mix ensures workable concrete with high early and long-term strength gain, making it suitable for all concrete applications.



#### MORE CONCRETE AND STRENGTH PER BAG

Dalmia DSP RCF Expert++ Cement's nano particles increase concrete volume, reduce cement use, and enhance strength. Thereby, reduces the cost of construction.



#### CRACK-RESISTANT FOR LONGEVITY

Dalmia DSP RCF Expert++ Cement creates denser concrete, reducing permeability and enhancing corrosion resistance. Its lower heat release during hydration prevents shrinkage cracks and water leakages, ensuring durable, crack-resistant structures.



#### SECURE, WATER-RESISTANT PACKAGING

Dalmia DSP RCF Expert++ Cement is shipped in tamper-proof, water-resistant packaging for extended shelf life and protection against spillage or adulteration.



#### GET EXPERT ON-SITE SUPERVISION

Benefit from on-site supervision at every construction stage by our team of expert civil engineers, ensuring quality and precision.