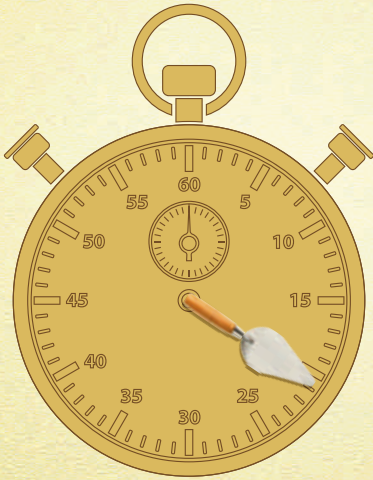


# MAZBOOTI SAHI INTEZAR NAHI



**DURAGUARD**  
**RAPID X**  
CEMENT

Sets in less time. Provides  
unmatched strength and  
safety to structures.



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A quality product of Nuvoco Vistas Corp. Ltd.

## WHAT IS DURAGUARD RAPIDX CEMENT?

- Duraguard RapidX Cement is a unique OPC (Ordinary Portland Cement) which exhibits quicker setting properties, keeping the DURABILITY intact.
- Duraguard RapidX is produced through a state-of-the-art technology from selected mix of superior grade lime stone.
- Makes construction faster.



### DG RAPIDX COMPRESSIVE STRENGTH



**TIME**  
24 hrs

#### STRENGTH

24-27 MPa For OPC 53G  
21-23 MPa For OPC 43G



**TIME**  
4 weeks

#### STRENGTH

61+ MPa For OPC 53G  
UP TO 58 MPa For OPC 43G  
(Max. limit specified in IS:269)

### ADVANTAGES OF RAPIDX:

- 01 Higher rate of Strength Gaining**
- 02 Reduction in Construction Cycle Time**
- 03 Better Workability**
- 04 Overall Economy**
- 05 Optimally Managed Heat of Hydration**

### WHAT MAKES DG RAPIDX DIFFERENT?

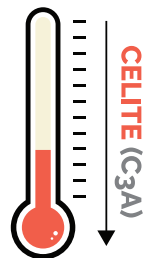
- Superior quality of cement with high consistency, is a key requirement for any good construction.
- The lime stone we use goes through stringent quality monitoring process through X-ray analyser and the blend for the raw materials are designed accordingly to ensure highly consistent cement quality.
- The offered superior strength enables to economise on total cement content in any concrete design mix.

### IMPORTANCE OF LOW HEAT OF HYDRATION

During the hydration process of cement, most of the time, high heat of hydration gives rise to thermal and shrinkage cracks, which adversely affects the durability of structure.

In Duraguard RapidX, we judiciously optimise Celite (C<sub>3</sub>A) content.

It is a known fact that high heat of hydration in cement is harmful in concrete for massive pour. The heat liberated by Celite (C<sub>3</sub>A), a particular component in cement, is 4 times higher than any other component. Hence, C<sub>3</sub>A is very carefully and thoughtfully restricted to only 6% in Duraguard RapidX OPC 43 and OPC 53.



**BENEFIT**  
**LOW HEAT RADIATION**