



Dont believe in false claims,

Trust the  mark only



# PORTLAND POZZOLANA CEMENT (PPC)

Indian Standards cover 2 types of PPC

## INDIAN STANDARD

1. IS 1489 (Part 1): 1991 Flyash based
2. IS 1489 (Part 2): 1991 Calcined clay based

## GRADES COVERED

No Grade Specified  
No Grade Specified

- PPC is suitable for all general constructions.
- It is particularly useful in marine and hydraulic construction and other mass concrete structures.

# PORTLAND SLAG CEMENT (PSC)

## INDIAN STANDARD

IS 455 : 1989

## GRADES COVERED

No Grade Specified

- PSC is suitable for all general constructions.
- It is particularly useful for marine works.

# Ordinary Portland Cement (OPC)

Indian Standards specify 3 grades of OPC

## INDIAN STANDARD


1. IS 269 : 1989
2. IS 8112 : 1989
3. IS 12269 : 1987

## GRADES COVERED

33 Grade  
43 Grade  
53 Grade

- 33 Grade OPC is suitable for all general constructions, particularly for masonry and plastering work.
- 43 Grade OPC is suitable for all general constructions particularly for high strength concrete work.
- 53 Grade OPC should be used for specialized works, such as precast concrete, prestressed concrete, long span structures/bridges, tall structures etc.

## Cement is under mandatory certification

Misuse of  mark is a criminal offence, punishable under BIS Act, 1986.



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Website: [www.bis.org.in](http://www.bis.org.in)



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