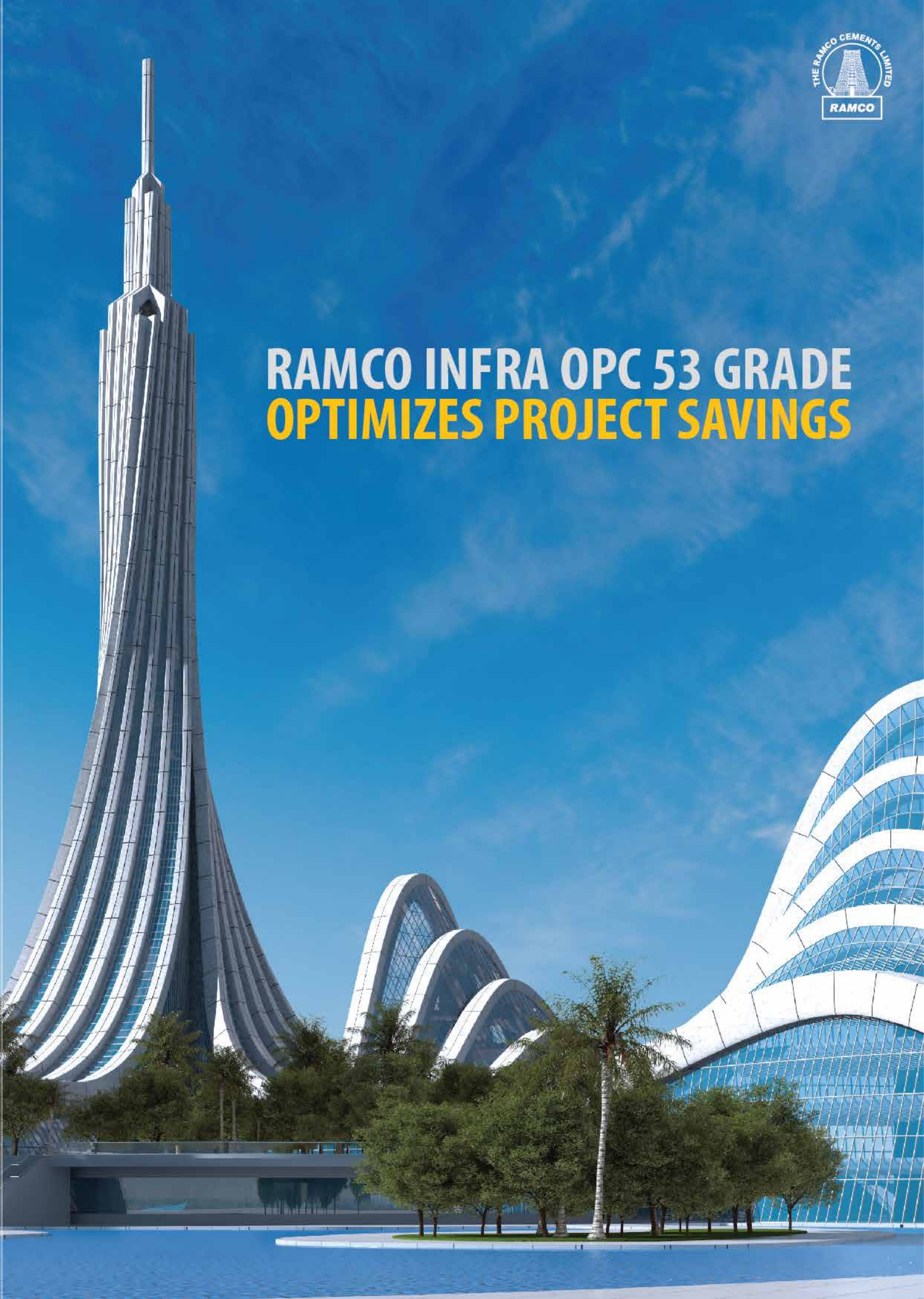


# RAMCO INFRA OPC 53 GRADE OPTIMIZES PROJECT SAVINGS





# Ramco Infra OPC 53 Grade

Ramco Infra OPC 53 Grade is a high performance Portland cement engineered to fulfill the requirements of concrete for critical infrastructure projects. This cement will help you design concrete mixes economically.

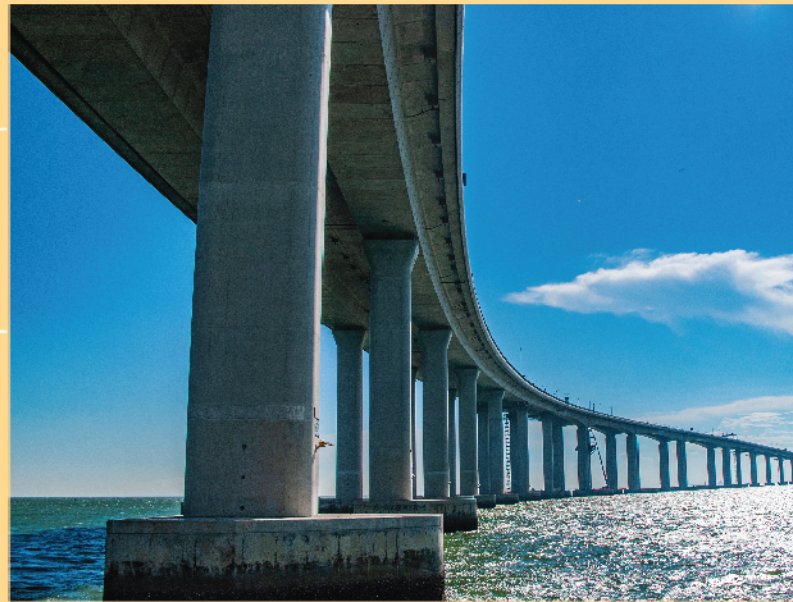


## Benefits

Dosage of admixtures is reduced which leads to cost savings

Cement quantity can be economized due to quality of OPC 53 Infra and scientific mix design

Even critical infrastructure projects like bridges, flyovers, tunnels, pre-stressed concrete can be constructed with high slump retention and high early strength



Bridges

## Suitable for high-grade ready-mix

**Designed for ready mix concrete units** which transport concrete over a long distance without slump loss, yet fulfilling the compressive strength requirement as per project specification.







Flyovers



Tunnels



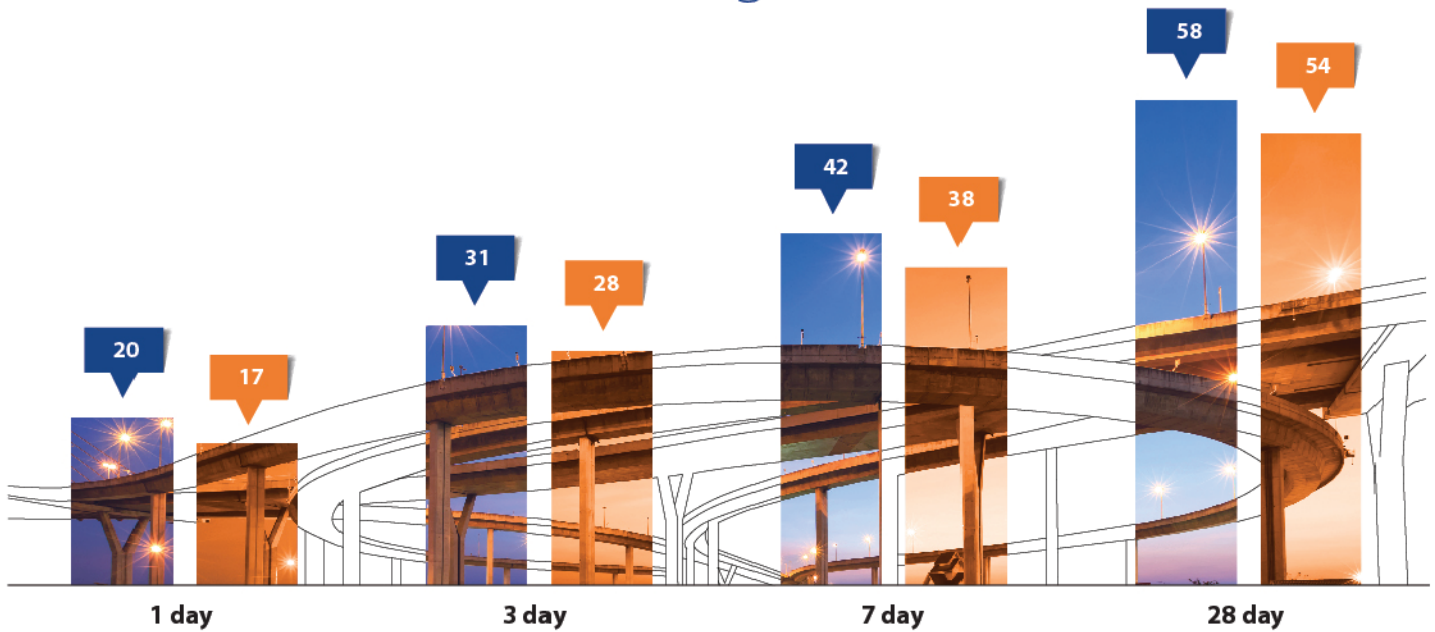
Pre-stressed concrete

concrete only





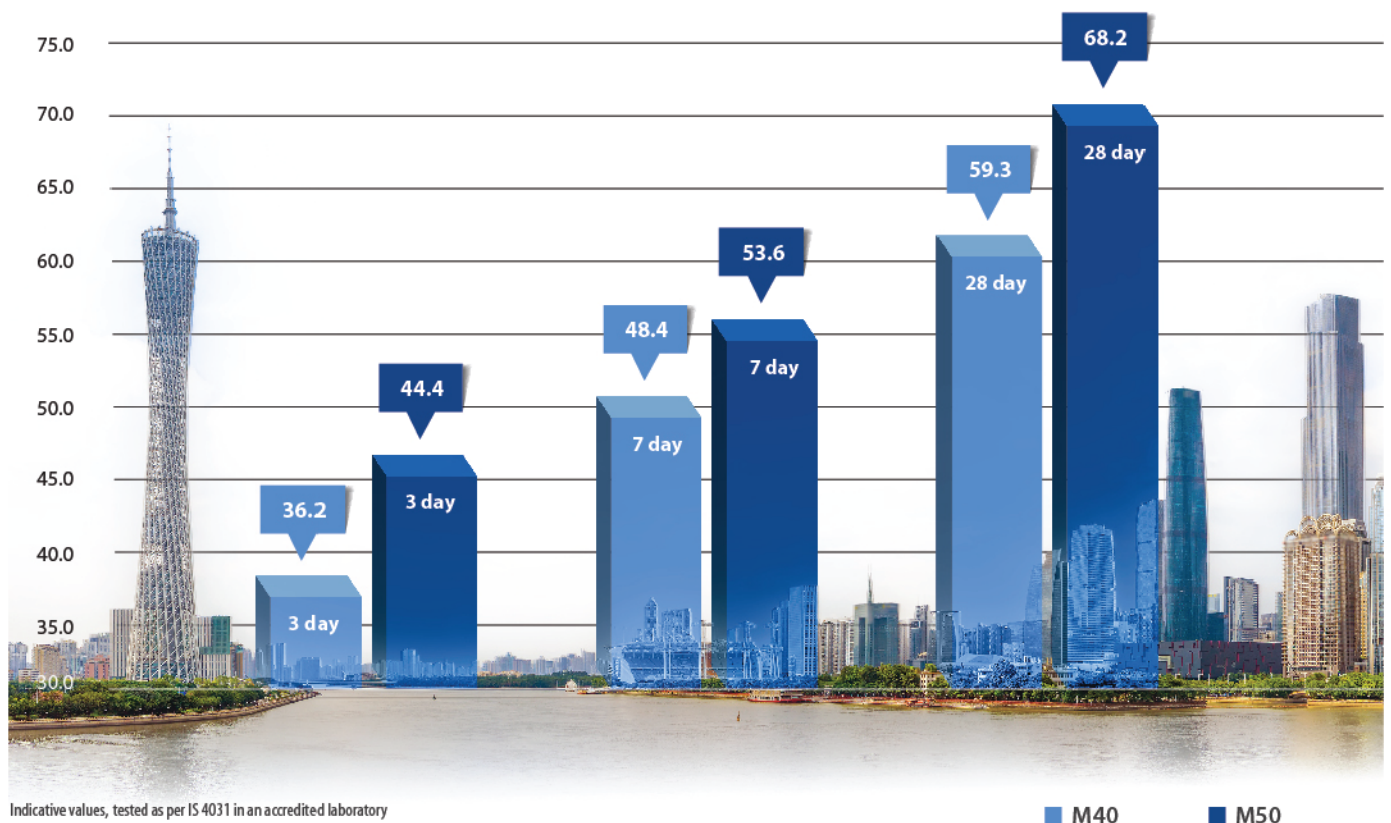
## Cement Strength Results



Indicative values, tested as per IS 4031 in an accredited laboratory

■ RAMCO INFRA OPC 53G ■ Others

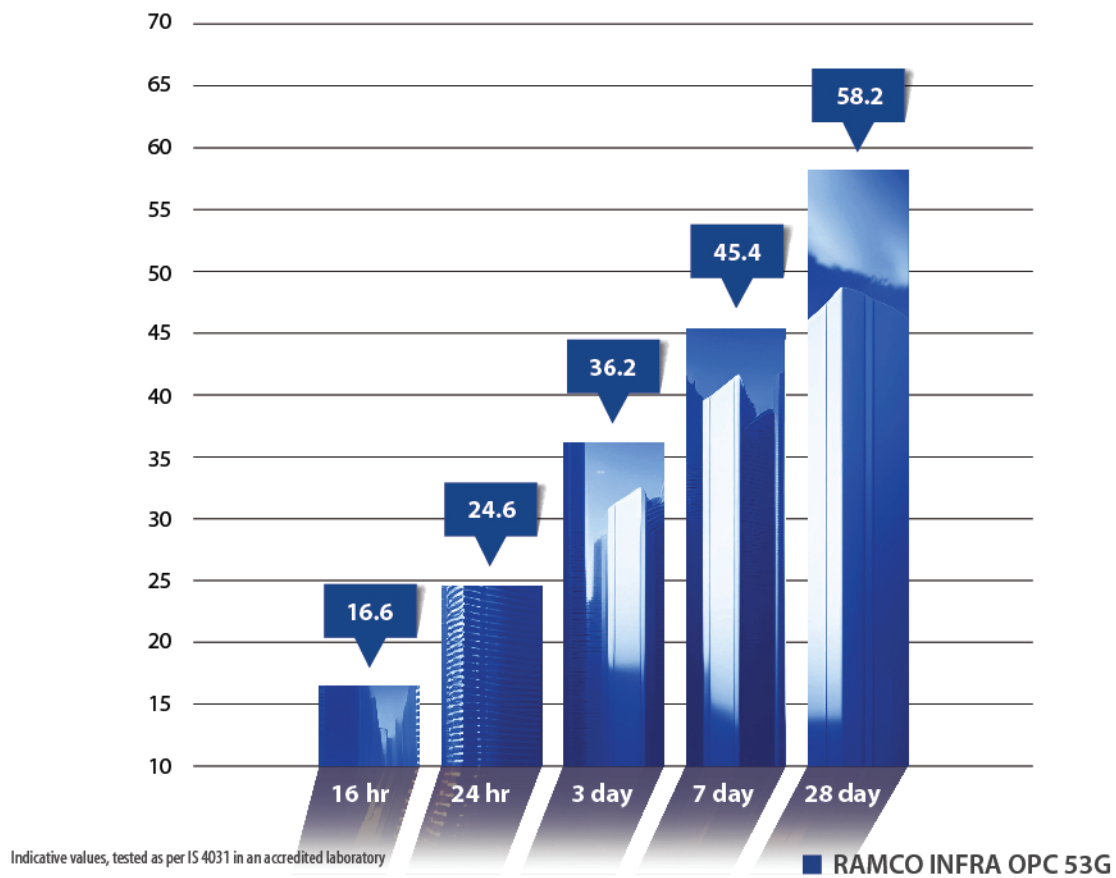
## Compressive Strength of Standard Concrete



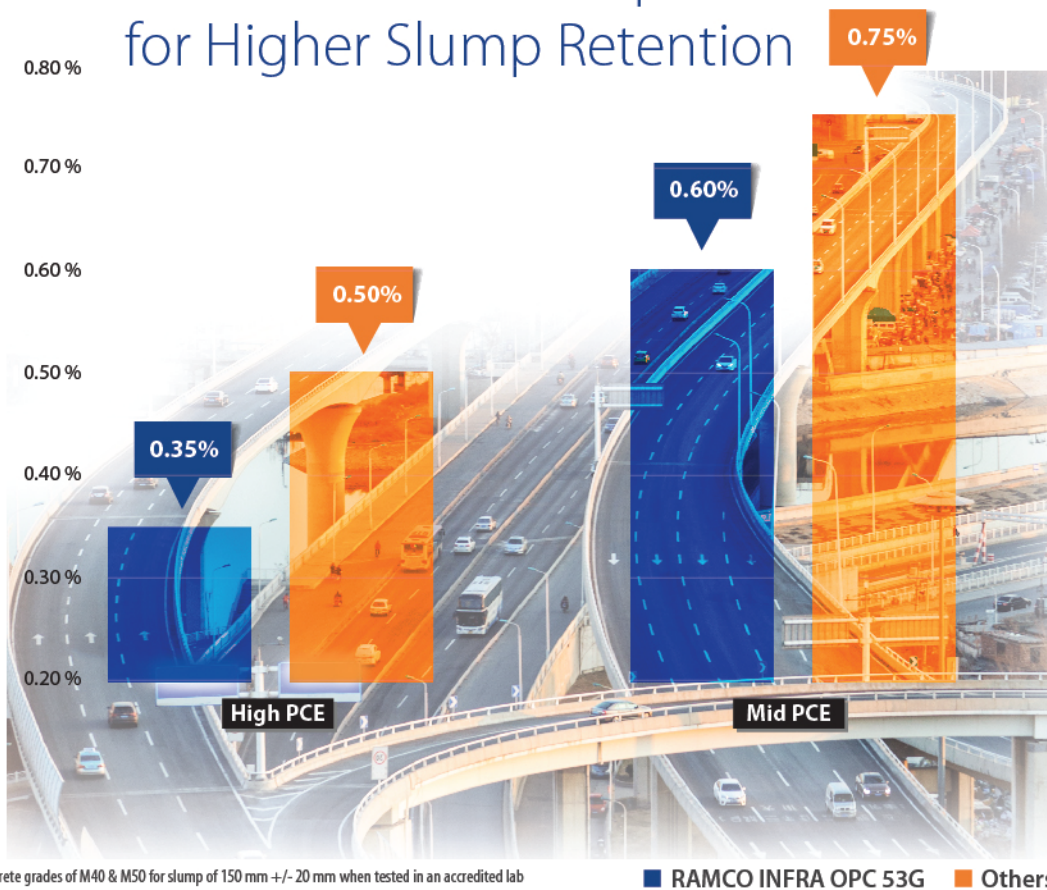
Indicative values, tested as per IS 4031 in an accredited laboratory

■ M40 ■ M50

# Compressive Strength of Concrete - M40 PQC



## Admixture Consumption for Higher Slump Retention







# **RAMCO** CEMENT

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