WHY WATERGUARD?

Enhanced Water Resistance

Increased Durability

Corrosion Resistant

Mould & Fungal Resistance

Reduced Dampness & Moisture Ingress

Water Absorption Comparison	
OPC	3.2 ml
PPC	1.9 ml
PSC	1.6 ml
WATERGUARD	0.1 ml*

Data Source - Rilem tube water absorption test setup Singapore HDB 500

RILEM TUBE

RESIN

SAMPLE

SENSOR

second   mili sec.
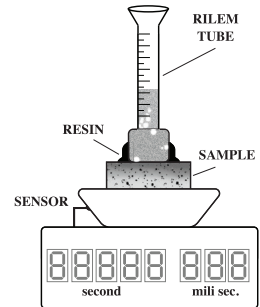
Ideal Applications:

Perfect for places exposed to water, moisture or bad weather.

Basements & Foundations

Water Tanks, Pools, & Reservoirs

Retaining Walls

Marine & Coastal Structures

Roofs & Outside Walls

Tunnels & Underground Pits

HOW IT WORKS:

JSW WATERGUARD is a water-repellent cement.

It is also known as **hydrophobic cement** or moisture-barrier cement. This special cement is designed to stop water from entering or getting absorbed into the structure.

It is made using advanced **TURBO GEL** technology. This creates a protective layer inside the concrete that pushes water away, like how water slides off a lotus leaf. This helps keep the structure dry and strong from the inside.

Hydration product	Type of Gel*	WATERGUARD	PPC	PCC
CSH	Calcium Silicate Hydrate gel	64.90%	54.60%	52.10%
CASH	Calcium Alumino Silicate Hydrate gel	21.00%	11.90%	16.20%
Other hydration prod	Other hydration compounds & gel	14%	34%	32%

*Relative % wrt composition

WHY CHOOSE JSW CEMENT?

JSW Cement gives you strength that lasts and sustainability that matters. We are India's **No.1 Eco-Friendly Cement** company and a leader in responsible construction. Our cement, powered by advanced technology, delivers unmatched quality and durability, whether it's for homes or highways. Through green manufacturing practices we don't just build strong, we build responsibly. With a grinding capacity of 20.60 MMTPA (Million Metric Tonnes Per Annum) and clinker capacity of 6.44 MMTPA, JSW Cement is growing stronger than ever.

JSW Cement

Start Strong. Grow Stronger.

World's #1
eco-friendly
cement company