



CHD JAL KAVACH

THE ONLY SLAG CEMENT WITH **TURBO GEL** INSIDE.



HOW IT WORKS:

JSW JALKAVACH 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*	JALKAVACH	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 JALKAVACH?



Enhanced Water Resistance



Increased Durability



Corrosion Resistant



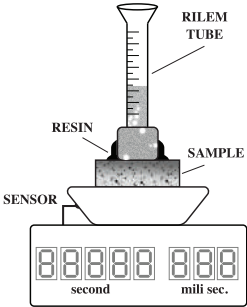
Mould & Fungal Resistance



Reduced Dampness & Moisture Ingress

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

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



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



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.

Customer Care:

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 **JSW Cement**
Start Strong. Grow Stronger.

World's #1
eco-friendly
cement company