

RAMCO

HARD WORKER



MICRO CONCRETE HW401



SEAMLESS RESTORATION

- ★ PREMIXED
- ★ FASTER STRENGTH GAIN
- ★ SUITABLE FOR THIN AREA

25KG

Why HW Micro Concrete?

SEAMLESS RESTORATION

Where repairs by structural wrapping and jacketing is the only option for concrete, HW Micro Concrete steps in with certainty. Its high strength, self-compacting mix flows into tight spaces and holds its shape without vibration or layering. Just add water, mix and pour. It bonds with old concrete, builds strength fast for rapid repairs that don't just fill thin areas, but restores trust.

PREMIXED

Just add 12-14% water by weight to the pre-blended dry mix. It is ready for application.

FASTER STRENGTH GAIN

When repair speed matters, strength can't wait. High early strength is a must for de-shuttering and handover.

SUITABLE FOR THIN AREA

Ideal for jacketing and patch repair. Works in sections from 25 mm to 100 mm without weak zones.

IDEAL FOR CRITICAL ZONES

Whether it is for jacketing columns, rebuilding corners or retrofitting beams, HW401 is engineered to flow easily into any formwork where load transfer and reinforcement are key.

BUILT TO ADAPT

Built for varied strength needs, from small repairs to large scale projects.

Available Variants			
	M40	M60	M80
3 day	18 - 20	20 - 25	45 - 50
7 day	30 - 35	45 - 50	65 - 70
28 day	45 - 50	65 - 70	85 - 90

(Compressive Strength in MPa)



**SELF COMPACTING
CONCRETE**



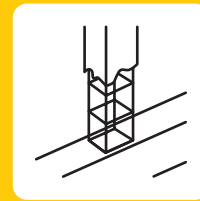
**REPAIRS HARD TO
REACH SPOTS**



**SEGREGATION
& BLEEDING**

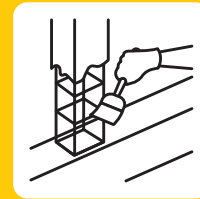


APPLICATION



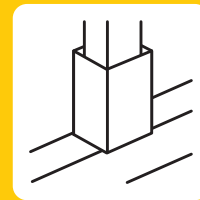
**Prepare the
surface.**

Remove loose rust
before application of
HW401.



**Apply bonding
agent.**

Use HW403 Bonding
Agent Epoxy to
enhance adhesion.



**Provide
shuttering.**

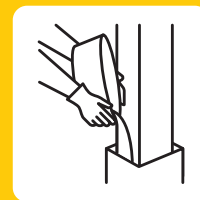


**Add HW to
12-14% water.**

Add 3 – 3.5 L of
water for 25 kg of
HW401



**Mix using a
low-speed
blender.**



**Pour the entire
mix at one go.
Cure with water
for 7 days.**



**Scan to watch
Application Video.**

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