

RAMCO

HARD WORKER



BONDING AGENT EPOXY

HW403



LONG LASTING BONDING

- ★ PROVIDES STRUCTURAL INTEGRITY
- ★ FOR HIGH LOAD BONDING
- ★ EASE OF APPLICATION

1/ 4L

Why HW Bonding Agent - Epoxy ?

LONG LASTING BONDING

Designed to anchor new concrete to old, with a grip that's meant to stay. Whether it is overhead patchwork or structural overlays, it holds firm, making sure there's one no-fail, no-slip solid unit that stays bonded through stress and time. The two-part resin-hardener system creates a dense, cross-linked bond that fuses the old and new concrete into a single structural body.

PROVIDES STRUCTURAL INTEGRITY

This isn't just about adhesion - it's about holding load. With high compressive and flexural strength, it enables concrete to transfer pressure and movement stresses without debonding and delamination.

FOR HIGH LOAD BONDING

Works on overhead or vertical joints, where grip failure isn't an option. No sag, no slide. Just assured hold across columns, beams and slabs.

EASE OF APPLICATION

Available in pre-measured 3:1 ratio, HW403 mixes smooth, brushes easily and stays workable across reinforcement-heavy or hard-to-reach areas. Brush it, bond it, forget it.

RESILIENT

Protects the bond line from moisture and aggressive chemicals. Ideal for repair zones exposed to environmental and structural movement stresses.



**FOR CONCRETE
AND STEEL**



**HIGH
POT LIFE**



**HIGH FLEXURAL
STRENGTH**



APPLICATION



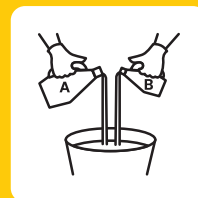
Prepare the surface.

Remove loose material and dust.



Clean with steel wire brush.

Ensure full exposure of base surface.



Mix both components for 2-3 minutes.

Mix ratio - 3 (Resin) : 1 (Hardener). Use a low-speed blender.



Apply over the substrate.

Thin even layer with brush or roller.



Pour concrete / grout within 30 minutes.

Overlay must be done while tacky.



Scan to watch Application Video.

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