

## Installation & Maintenance Of Epoxy Resin Worktops and Sinks

### General Information

HYCHEM worktops and fume cupboard worktops should be handled with extra care. All worktops should be positioned flat and never lean against walls, this is to prevent worktops from warping or twisting. Continuous rail support is recommended to the front and rear of worktops. If any section is to be unsupported, length should not exceed 800mm. All worktops will be marked according to customers drawings. If you find any damaged, incorrect or missing items, please notify HYCHEM immediately. HYCHEM is not responsible for removal of defective tops after installation.

### HYCHEM Epoxy Adhesive

Epoxy adhesive is supplied in 2 containers marked A (Resin) and B (Hardener), and must be mixed in the ratio of 1:1, that is 1 parts of resin (A) to 1 part of hardener (B).

Do not use the same scoop with resin (A) and hardener (B), so as to avoid cross contamination of the unused portions.

To avoid wastage, mix only what you require to join the number of worktops.

### Installing HYCHEM Worktops

- 1) Ensure that the two worktops form a flat surface by using a level gauge. Use shims if necessary to level the height of either piece.
- 2) Lift and prop up the two worktops and place small dabs of epoxy adhesive at interval of 600mm along the front and back edges or frames of the cabinet tops. Then remove the wood prop and lower the worktop into place.
- 3) The 2 worktops that are to be joined must have a gap of between 2mm to 3mm. Repeat these procedures for the remaining worktop that are to be joined.
- 4) Carefully apply a full length of 50mm paper masking tape to each of the side of the gap on the worktops.
- 5) Bring the mixed epoxy adhesive near to the gap and using the putty knife press the epoxy adhesive in to completely fill the gaps.
- 6) Start from the back of the worktops, angle the putty knife to about 45 degree and drag it along towards you.
- 7) Scrape off the entire excess epoxy adhesive that is on the masking tape.  
Using a clean putty knife, drag from the back of the worktop towards you, one more time.
- 8) Use a clean rag to wipe away any excess of epoxy.
- 9) Allow the epoxy adhesive to fully harden overnight.

### Installing HYCHEM Backsplash

- 1) To avoid scratching the worktop, use protective sheeting on the worktops. Place the backsplashes upside down on the protective sheeting.
- 2) Using the putty knife spread a bead of epoxy adhesive along the bottom of the backsplash and along the edge if it is to join to another piece of backsplash.
- 3) Invert the backsplash in their proper location and press in place.
- 4) Wipe off excess epoxy adhesive with a rag.
- 5) Allow the adhesive to harden overnight to ensure that the backsplash and worktops will stay in place.

## Installing HYCHEM Sinks

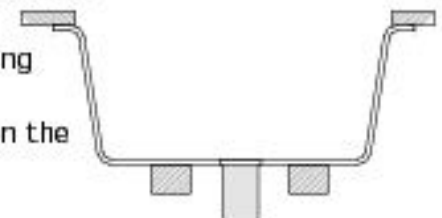
### Drop in Sinks

- 1) Clean the rim of the sink and the area around and inside the rebated worktops cut out using a rag.
- 2) Inspect the fit by lowering the sink into the cut out point.
- 3) Remove the sink and apply the epoxy adhesive around the surface of the rebated cut out.
- 4) Then lower the sink back into the cut out.
- 5) Gently press the sink until it is level with the worktop surface.
- 6) Wipe away excess adhesive with thinner.
- 7) Allow epoxy adhesive to harden overnight.



### Undermount Sinks

- 1) Clean the rim of the sink and the area around the bottom of the sink cut out on the worktop.
- 2) For undermount sinks, ensure that there is proper sink support being provided by the furniture supplier.
- 3) Apply a bead of adhesive all around the rim of the sink, and position the sink to the cut out.
- 4) Support the sink with a sink support.
- 5) Apply silicone sealant all around the edge of the sink at the bottom of the worktop to ensure that will be no leakage in the future.
- 6) Leave the adhesive to harden overnight.



Sink supports

### Drilling and Cutting

For field fabrication, drilling of holes is recommended with the use of diamond core bits. Large holes will require the use of diamond-plated holesaws. Cutting can be done using diamond grit jigsaw blades.

### Maintenance and Repair

HYCHEM products are made to withstand chemical attacks or staining (refer to Test Data on pg.15). To ensure worktops are constantly in pristine condition, all spillages should be wiped off immediately. Harsh chemicals should never be allowed to be in contact with the worktops for a prolonged time. Cleaning of worktops with cleaning agents is recommended from time to time. Scratches and stains can be repaired by carefully sanding the surface with 180-grit silicone carbide or cleaned with 3M Scotch-Brite Pads and wiped with mineral oil. Depending on the severity of damage, final appearance of work surface may alter slightly.

When handling tops, never slide them on edge or tip up on one corner.

Never slide one top surface against that of another top.

Keep covered if stored in an area where there are abrasive particles i.e. brick dust/chippings.

