



**Low  
Viscosity  
Resin**



**Good  
Adhesion To  
Wet Concrete**



**Low  
Shrink  
Rate**



**High  
Compressive  
Strength**

### AREA OF USE

- Submerged concrete structures such as bridges, dams, or underwater tunnels
- Water leaks in wet or damp concrete areas such as basements or retaining walls
- Strengthen weakened concrete structures due to compression

### ➤ Packaging

Part A (Resin) : 2kg

Part B (Hardener) : 1kg

MVX Hydro-Cured Epoxy is a two-component epoxy resin with hardener to be injected into the concrete under wet conditions. It has low viscosity that can penetrate deep into the cavities and cracks of the concrete. With excellent adhesion to concrete, high tensile and compressive strength, MVX Hydro-Cured Epoxy effectively repairs the concrete defects, cures under water and stops water leakage in one operation. By adjusting the amount of hardener, it can achieve flexible setting time.

### TECHNICAL DATA

Properties	Typical Value
Viscosity	986 mPa.s
Bonding to Concrete	Excellent
Compressive Strength	115 N/mm <sup>2</sup>
Tensile Strength	15.5 N/mm <sup>2</sup>
Pot Life	45 mins
Gel Time	60 mins
Full Cure	12 hrs

### ➤ Mixing

Pour Part B into Part A in 2:1 ratio by weight and mix well by hand or slow speed mixture.

Advisable to use the complete set. Do not use solvent to thin the mixture to prolong pot life.

### ➤ Shelf Life & Storage

12 months in unopened condition. Store in a cool-dry covered place and avoid direct exposure to sunlight. Opened pails should be finished as soon as possible.