

POTAGLAS

World's Leading Mfgr. of
GRP and STEEL Panel Tanks

EHT

**WATER TANKS
PRIVATE LIMITED**

A water tank
that lasts for
a lifetime...



www.ehtwatertanks.com

INTRODUCTION

Water is a basic element of life that plays a pivotal role across all walks of life. Storing this valuable resource in a clean & hygienic conditions becomes a top priority. Therefore, **POTAGLAS TANKS MALAYSIA** strives to conserve this resource in its best state by providing robust water storage solutions. **GRP/SMC Panel Tanks made by POTAGLAS TANKS MALAYSIA are a Numero Uno Solution to store & use clean, hygienic & potable water.**

POTAGLAS was established in Malaysia since 1987 under a wholly subsidiary of REIB - a large Malaysian company, started to manufacture GRP water tank panels in 1988 and Sheet Moulding Compound (SMC) in 1992. Since 2016, **POTAGLAS** has been operating under **POTAGLAS MALAYSIA SDN BHD (PMSB).**

POTAGLAS TANKS MALAYSIA has business partnerships across the world in various regions such as Middle-East, Asia, Africa, Australia, European Countries etc...

POTAGLAS TANKS MALAYSIA provides comprehensive and sustainable water storage solutions to various entities such as Consultants, Engineers, Architects, Government Entities and all other who are looking forward for their water storage needs.

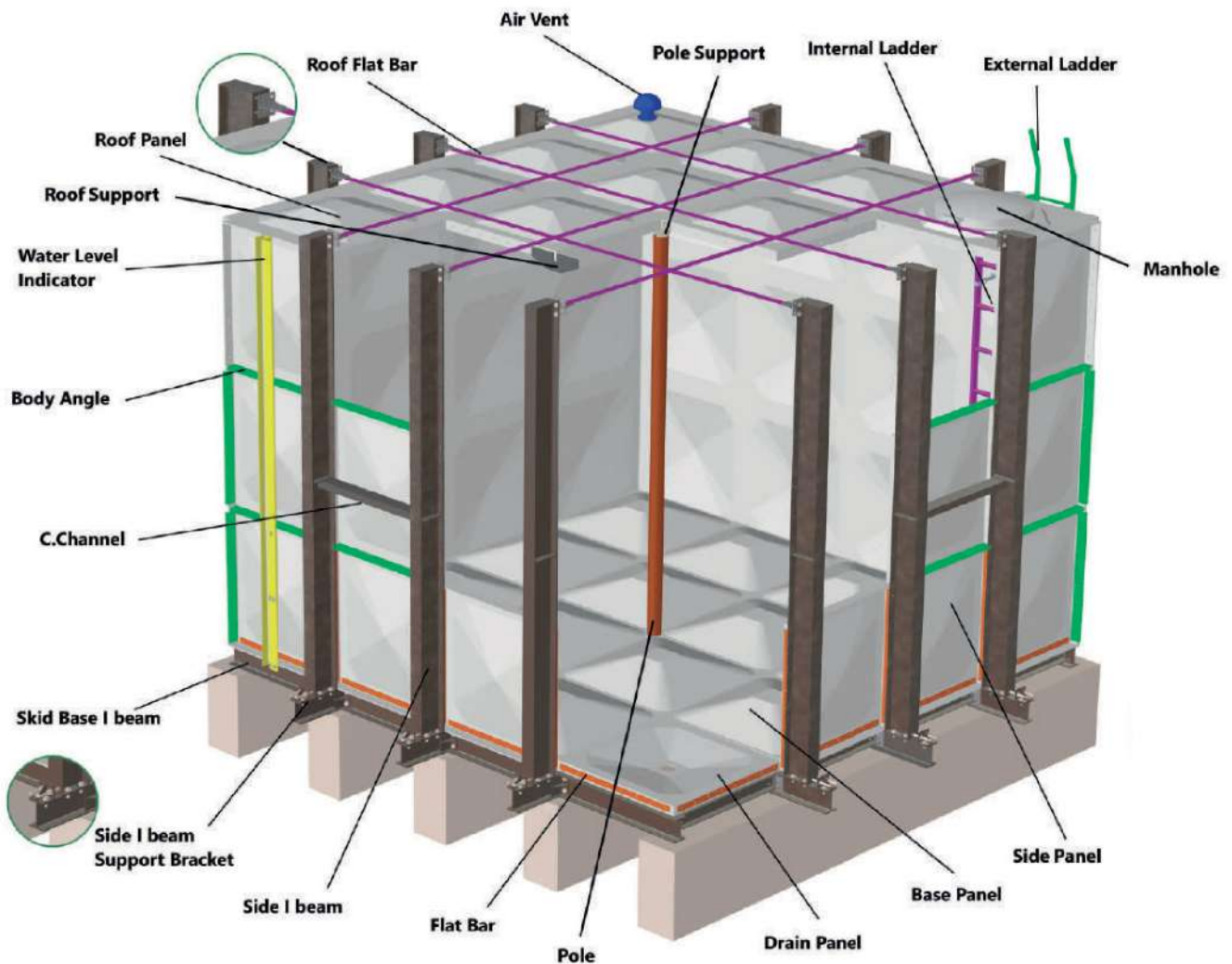
GRP PANEL TANKS

General Specifications of GRP/SMC Panel Tanks

Standards	Indian Standard - IS 14399:1996 Singapore Standard - SS 245:2014 Malaysian Standard - MS 1390:2010 British Standard - BS 7491 Part 3:1994 and BS EN 13280:2001
Material	Sheet Moulding Compound that consists of Isophthalic Unsaturated Polyester Resin and Low Alkali Fibreglass
Manufacturing Process	Hot Press SMC Compression Moulding
Tank Structural Support	Externally Braced Hot Dipped Galvanized Steel Cage Structure, Roof supported by GRP Stiffeners and uPVC poles
Anti-Leak Mechanism	UV resistant, non-Toxic uPVC foam Sealant / Gasket
Fasteners	Hot Dipped Galvanized Steel and Stainless Steel 316 - A4 grade
Tank Accessories	<ul style="list-style-type: none">• Access Manhole - GRP• Air Vent - uPVC• Water Level Indicator• Internal Ladder• External Ladder

OVERVIEW OF AN EXTERNALLY BRACED GRP WATER TANK

Overview of external structural support for GRP sectional water tank



ADVANTAGES OF GRP TANKS OVER CONCRETE / RCC TANKS

- Construction is **FAST**
- Lighter in **WEIGHT**
- **QUALITY OF WATER** is well Maintained
- **ODD SHAPES** are possible with **PARTITIONS** between them
- Base Panel Design enables complete Drainage for **MAINTENANCE**
- **SMOOTH SURFACE** inhibits growth of Algae & other Microorganisms
- **LEAKAGES** are rare & In case found, can be easily rectified
- **TANK SIZES/CAPACITIES** can be increased or decreased using Existing Tank itself
- Tanks can be **DISMANTLED, SHIFTED & RE ASSEMBLED**

PRESSED STEEL AND STAINLESS-STEEL PANEL TANKS

General Specifications	PRESSED STEEL	PRESSED STAINLESS STEEL
Standard	BS 1564 1975 SS 22: 1979	CNS 9443:2000
Materials	Steel conforming to BS 4360: 1972 grade 43 A or ISO equivalent	Stainless Steel 304/316
Manufacturing Method	Hydraulic pressing	Hydraulic pressing
Tank Structural Support	Stays and Cleats made of Steel Angle bar and Steel Plate	Tie Rods made from Stainless Steel 304/316
Anti Leak Mechanism	UV resistant, Non-Toxic uPVC foam Sealant / Gasket	UV resistant, Non-Toxic uPVC foam Sealant / Gasket
Flanges of Plates	Tank Panels pressed with a combined double flange at an angle of 45 and 90 degree to the face of the plate on four sides	Tank Panels pressed with a 90- degree panel flange to the face of the plate on four sides
Fasteners	Hot Dipped Galvanized Steel Bolts, Nuts and Washers	Stainless Steel 304/316 Bolts, Nuts and Washers
Finish	Hot Dip Galvanized conform to ISO 1461	Stainless Steel 304/316
Tank Accessories	<ul style="list-style-type: none"> • Access Manhole - HDG • Air Vent - HDG • Water Level Indicator • Internal Ladder • External Ladder 	<ul style="list-style-type: none"> • Access Manhole- SS 304/SS316 • Air Vent - SS 304 / SS 316 • Water Level Indicator • Internal Ladder • External Ladder



**HOT DIPPED GALVANIZED
SECTIONAL WATER TANKS**



**STAINLESS STEEL
SECTIONAL WATER TANKS**

Our Prestigious Projects





**POTAGLAS MALAYSIA
PRODUCTS ARE TESTED,
CERTIFIED, ACCREDITED
AND APPROVED BY**



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