

شركة جودوين قطر ذ.م.م
GOODWIN QATAR WLL

GATE NO. : 151, STREET NO: 24, ZONE NO : 81, NEW INDUSTRIAL AREA
PO BOX : 13066, DOHA - STATE OF QATAR
TEL. : +974 4468 22 25, FAX. : +974 4451 08 31
E-mail : info@goodwinqatar.com
Web. : www.goodwinqatar.com



مصنع جودوين قطر للانابيب

GOODWIN QATAR PIPES FACTORY



GRP GULLY POTS & REMOVABLE BASKETS

WRAS APPROVED MATERIAL

Exova ASTM E84 CLASS 1 FIRE RETARDANCE

qatar 2022

INTERNATIONAL ACCREDITATION FORUM ISO 9001:2015

ISOQAR REGISTERED UKAS MANAGEMENT SYSTEMS 0026

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DESCRIPTION

The GRP Gully Pots & Gully Baskets are specially designed and manufacture for the environments protection The GRP Gully Pots & Baskets are manufactured with low maintenance, low cost and extreme durability in mind ❑ GRP hand lay-up manufacturing methods for GRP Gully Pots & Baskets are offers an ideal solution to many industrial infrastructure problems

GRP Gully Pots & Gully Baskets are manufactured using a custom-made GRP mould and by the application of Resin system and chopped strand mat according to the specified manufacturing method ❑ Gully Baskets are used to collect the solids in from the storm-water, retain it for later disposal, allowing the water to flow through

APPEARANCE

Gully Pots Appears smooth on the inside area, the side in suitable for wash and clean purpose contact with the sewer wastages, mud's, sand and other domestic wastages etc., the external side of the GRP Gully pots are natural finish of glass reinforced plastic and it is suitable to bond with concrete surface, and additionally the external side face to concrete fix with GRP brackets to assure the bonding. The preferable color for GRP Pots is gray color.

Removable Baskets Appears smooth and glazed on the inside surface to suitable for wash and clean purpose contact with the sewer wastages, mud's sand and other domestic wastages etc., the special design of the opening will be hold the various kinds of wastages. A strong GRP handle horizontally inside the Gully Basket. The design of Gully basket is easy to use. The preferable colors for GRP Baskets are either natural resin color or white / off white.

PROPERTIES

Lightweight - less density - 20% of steel; 70% of aluminum ❑ High Strength - stronger than structural steel Superior dimensional stability ❑ Wide temperature range uses ❑ Thermal expansion values better than 50% of steel, 35% of stainless steel & 25% of aluminum ❑ Thermal insulation - high strength and insulating values Corrosion resistance - harsh elements and environments ❑ Electromagnetic transparency ❑ Greater frequency freedom of movement for radio waves and microwaves ❑ Inherent colors ❑ Ease of fabrication & installation Resin systems available include standard polyester as well as Isopathalic & epoxy based vinyl ester.

ADVANTAGES & BENEFITS

Much stronger bond to all kinds of surface: Seams can be avoided and thereby safer protection, very little maintenance and ease of repair.
Lightweight & Durable: Allows easy handling, cutting, fixing, lifting and installation.
Cost Effective: Extremely long life compared to metal and other plastic materials, completely maintenance free.

- ❑ **High Strength & Stiffness:**
  High glass content and reinforcement, our hand lay-up application gives extremely high strength and stiffness.
- ❑ **High Impact Resistant & Elastic:**
  Returns to original position without any permanent deflection or distortion within recommended allowable loads.
- ❑ **Superior UV Protection:**
  Our integral UV protection system gives long-term shield against the damaging effects of UV rays.
- ❑ **Non-Conductive & Non-Interfering:**
  Comply international electrical safety specifications. Allows transmission of radio waves.

- **Non-magnetic:**
  Low thermal conductivity & expansion rate, will not transfer heat unlike metal, no problem of expansion under heat.**Corrosion Resistance:**
  No rusting, peeling or flaking even under the most aggressive conditions in any part of the world.
- **Low Thermal Conductivity & Expansion Rate:**
  Will not transfer heat unlike metal, no problem of expansion under heat.
- **Fire Retardant:**
  Complies with ASTM-E84 and BS 476 standards. Our standard finish is a fire retardant resins, the construction will provide half hour fire resistance, compliant with BS 476 part 22 (retention of stability, integrity and insulation). Fire retardant resin is used to form a self-extinguishing laminate to BS 476 part 7, class-2 (surface spread of flame). Increased levels of protection can be offered if requireD. The products are tested as per QCS 2014 specification ASTM E84.
- **Easy to Joint:**
  These permanent joints, which consist of a laminate of glass fiber mat and tissue with resin, predominantly used directly at job site, these types of joints guarantees safe and long-lasting connections that accommodate all axial strengths.






SIZE & AVAILABILITY

The standard size of our Gully Pots & Baskets as per Ashghal Public Authority's design, but we also design and manufacturer as per the client's projects requirements. Gully Pots & Baskets are manufactured as per the project requirements, all the size and length are customized as per the projects requirements, and we conform the wall thickness 4mm minimum or as per the specifications. Custom-made design Gully Pots & Baskets can be manufactured and designing shall be according the Rain Water Flow.

FEATURES

Corrosion Resistance ❑ No Rusting ❑ No Peeling ❑ No Flaking ❑ Suitable to use H2S Gas Area ❑ Impervious to Bacteriological growth ❑ Lightweight ❑ Durable ❑ Use in all climates & exposure to sunlight ❑ High Strength ❑ High Stiffness ❑ Long life ❑ Non-conductive ❑ Non-Interfering ❑ Non-magneticr long life Thermally inert ❑ Easy installation ❑ Low Maintenance ❑ Pleasing appearance ❑ Fire Retardant ❑ Non – Toxic ❑ Cost Effective ❑ Superior UV Protection ❑ Withstand temperatures up to 80°C ❑ High Impact Resistant & Elastic ❑ Resulting in longer service life ❑ Less maintenance ❑ Less repairs down time Easier & cheaper handling





