

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 PLANTER BOX

VARIOUS SHAPES & DESIGNS



WRAS APPROVED MATERIAL

Exova ASTM E84 CLASS 1 FIRE RETARDANCE

qatar 2022

INTERNATIONAL ACCREDITATION FORUM IAF ISO 9001:2015

ISOQAR REGISTERED UKAS MANAGEMENT SYSTEMS 0026

/goodwin Qatar @QatarGoodwin Goodwin Qatar in/goodwin-qatar goodwin.qatar

1. DESCRIPTIONS

The GRP Planter Boxes are designed and manufactured with low maintenance, low cost and extreme durability in mind. GRP Planter boxes manufacturing by using RTM Process, GRP Planter Boxes range offers ideal solutions for various kind indoor and outdoor decorative plants. The GRP Planter Boxes shall have approximately 90% of Resin system in combination with C glass tissue mats (surface veil) internal external surface. The structural layers of the GRP Planter Boxes shall have approximately 65% - 70% is Resin systems in combination with chopped strand mat (ECR Glass). All the GRP Planter Boxes are manufacturing as per QCS Specification 2014. Our GRP Planter Boxes forms a protective shield inside the Planter Box area to protect the water and muds. The GRP Planter Boxes offers excellent physical strength and in general much better impact, thermal shock resistance, it has capacity to withstand temperatures up to 80°C.



2. FEATURES

Toxic corrosion resistance ❑ Impervious to bacteriological growth ❑ For use in all climates and exposure to sunlight ❑ Nonconductive ❑ Nonmagnetic ❑ Long life ❑ Thermally inert ❑ Easy installation ❑ Low maintenance ❑ Pleasing appearance ❑ Fire retardant ❑ Slip resistance Impact resistant ❑ Anti-fire ❑ Anti-corrosion and anti-aging ❑ Anti-slippery ❑ Light but high loaded strength ❑ Long service life & maintenance free ❑ Non-conduction or magnetic ❑ Inherent & Rich colors ❑ Our standard features include.

Suit QCS specifications 2014 ✹ Color - can be produce various according the requirements ✹ UV stabilized external gel coat finish ✹ Externally smooth & gloss finish ✹ Can use in all climates & exposure to sunlight ✹ Strength to-weight ratio

3. ADVANTAGES

Planter Boxes provides an efficient and cost effective solution for all kinds of indoor & outdoor plants, requiring long-term performance in very aggressive and corrosive environments. Constructed from glass re-inforced thermoset resins, our Planter Boxes is an excellent choice to replace conventional cement, steel and aluminum planter boxes in such aggressive environments.

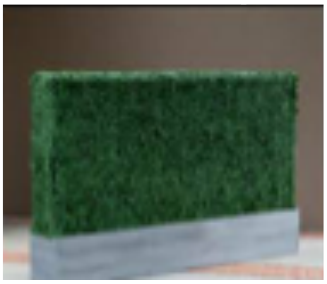
4. SIZES & AVAILABILITY

The sizes of the GRP Planter Boxes are as per the clients requirements and standard, The Planter Boxes thickness will be in accordance to the design calculations .








5. FIRE PROTECTION

Our standard Planter boxes will be Fire-Retardand, The standard construction will provide half an hour fire resistance, compliance 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.






6. PROPERTIES

The versatility achieved through the design allows for a vast array of optional extras that include such items as properties & structural shapes...

Light weight - less density - 20% of steel & 70% of aluminum.
High strength - stronger than structural steel, the use of high strength E-glass roving reinforcement, molded to form a Planter Pots produces a strong system suitable for safe on a wide range of spans.
Superior dimensional stability.
Thermal insulation - high strength and insulating values.
Corrossion resistance - harsh elements and environments, composites Planter pots is manufactured using a range of premium grade thermosetting resins. A high resin content of nominally 65%-70% provides long maintenance free performance in corrosive environments.
Electromagnetic transparency - greater frequency freedom of movement for radio waves & microwaves color, Water outlets openings can be design and manufacture based on clients requirements.

7. COLOR

Our standard finish is smooth & reflective gel-coat, offering excellent chemical and weather resistance in extreme environments. An extensive scope of colors is offered from the BS 4800.

8. SURFACE

GRP Planter Boxes can additionally have a surface veil to provide an especially resin rich surface. The profiles are UV-resistant and weather proof. GRP Planter Boxes are available as pre-assembled modules.