

AWE ENVIRONMENTAL SYSTEMS PTE LTD

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AWE
Caring For World Environment

INTRODUCTION TO FIBERGLASS

Fiberglass materials can be used to replace steel, aluminium and wood in a wide variety of applications due to high performance properties leading FRP to become a problem solving material in many industries specially for corrosive areas.

Some considerations taken when changing to Fiberglass are weight considerations, corrosion environment as well as flexibility in shape and sizes as fiberglass products can be moulded to fit into any shape and sizes as required on site.

ADVANTAGES OF FIBERGLASS MATERIAL

- 1) Light Weight resulting in cost savings, easier handling and faster installation.
- 2) Can be installed easily with no need for complicated tools.
- 3) Corrosion, rust and weather resistant.
- 4) Moulded and can be either smooth on the inside for containment of liquid or smooth on the outside for good presentation or to fit into the environment.
- 5) Easy to maintain and keep clean.
- 6) Long lasting
- 7) Can be applied onto existing products to prolong life span of existing products.

APPLICATIONS OF FIBERGLASS MATERIALS

FRP can be applied in a lot of industries, herein list a few.

- a) Oil and Gas
- b) Chemical storage and processing
- c) Water and wastewater storage or processing
- d) Air pollution control
- e) Aeronautical and defense
- f) Building construction
- g) Electrical / Electrical utility
- h) Marine Industry
- i) Appliance / equipment
- j) Transportation storage
- k) Repairs and refurbishments
- l) Commercial building products

For more details, please do not hesitate to contact us for more details through the following means.

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The Composite Contractor



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