

GEL COATED ENCLOSURE – SUMMER IS THE SEASON FOR UV PROTECTION

For Minnesotans, it is hard to beat a sunny summer day on a boat. We only get about three months of warm sun each year, so we spend as much time as possible absorbing the sun’s UV rays.

But protection from those UV rays comes at a significant price. North American consumers spend nearly \$2 billion per year on sun care products. Globally, over \$14 billion are spent just on sunglasses. To keep a wood deck looking good for grilling season consumers on average spend \$700-1,000 to stain and reseal each year.

Hoffman customers also know the damage UV rays can cause. Fiber bloom, color change, and chalking all will occur to fiberglass enclosures. Metal enclosures transfer heat inside the cabinet potentially damaging components. Painting can help minimize all the issues, but at a costly premium. The optimal solution for protection from UV rays is gel coated fiberglass enclosures.

GEL COAT

Gel coat is the cosmetic outer surface on a composite fiberglass product. The best example is a fiberglass boat. Gel coat is used by the marine industry to provide a durable, long-life finish on boat hulls. Gel coats are used to:

- **Improve weathering**
- **Filter out ultraviolet radiation**
- **Increase flame resistance**
- **Provide a thermal barrier**
- **Improve chemical resistance**
- **Improve abrasion resistance**
- **Provide a moisture barrier**



Gel coat can be supplied or matched to any color. It is typically 10-20mil thick (0.4mm). **Gel coat eliminates fiber bloom, provides excellent weathering properties, and is more durable than paint.**

HOFFMAN PRODUCTS

Gel coat is standard on A17 enclosures that are either over 36”x36” or deeper than 16”. Custom sizes can be quickly made at a low cost compared to other non-metallic products because of the process used to make this type of enclosure. Custom exterior or interior colors can be requested as well. Please see the next page for the standard products and unique sizes readily available as a custom enclosure request.



MARKETING CONTACTS

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STANDARD SIZES:

- A20H1620GQRLP
- A20H2020GQRLP
- A24H2020GQRLP
- A24H2420GQRLP
- A30H2420GQRLP
- A36H3020GQRLP
- A48H3620GQRLP
- A24H2024GQRLP
- A24H2424GQRLP
- A30H2424GQRLP
- A36H3612GQRLP
- A48H3612GQRLP
- A60H3612GQRLP
- A48H3616GQRLP
- A60H3616GQRLP
- A48HS3612GQRLP
- A60HS3612GQRLP
- A722525FGFS
- A722525FGFS3PT
- A724925FG
- A724925FGFS3PT

SIZES AVAILABLE AS A CUSTOM ENCLOSURE:

- 60x36x24 (Wall Mount)
- 65x20x12 (Single Door)
- 72x20x20 (Single Door)
- 72x24x32 (Single Door)
- 72x60x25 (Single Door)
- 90x24.5x24.5 (Single Door)
- 42x60x25 (Double Door)
- 72x72x18 (Double Door)
- 72x72x20 (Double Door)
- 72x72x25 (Double Door)

CUSTOM MATERIAL OPTION:

The standard A17 enclosures are made from a polyester resin. In Hoffman's UL file is the option to use an epoxy vinyl ester resin. These are the superior choice for corrosion protection and are commonly used in the chemical industry to make pipes and mixing and handling tanks. All of the above enclosure sizes could be made from an epoxy vinyl ester through a custom request. For more information contact Steve Graf or your Hoffman support specialist

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