



ECONOMIC SENSE

Create instant space with the innovative AgriDome shelter. Undercover areas now offer more options compared to conventional shelters in terms of shade, natural light and protecting your assets against weather conditions.

The AgriDome on-site shelter is a membrane-covered frame also called a dome shelter structure. Each shelter design combines the best available advances in construction materials. Sizes are available in standard widths.

WHY CHOOSE THE AGRIDOME

The strongest frame structures

We use hot dipped galvanised rolled structural steel to provide years of hassle-free protection from corrosion, allow serviceability and longevity. The strongest mounting method is applied by incorporating additional portals and purlins. Each portal is mounted to a pre-welded spigot and galvanised base plate. This provides a superior tensioning method, which in turn allows for the equal and constant distribution of stress loadings over the area of the membrane cover.

We've got you covered

Heavy duty membrane covers are manufactured from fire-resistant, ripstop, UV stabilised, 700 gsm polyvinyl chloride (PVC) with no wire bracings. PVC is significantly stronger, stretches seven times less and lasts longer than other lightweight materials when exposed to weather pressures and events. Providing a versatile durable cover.

Shelter Advantages

The AgriDome is a premanufactured innovation as a temporary or portable alternative to conventional sheds and structures. It is an economic building solution in terms of initial investment and speed of assembly. Inherent advantages are natural diffused lighting, ventilation and clear span interior space. It also comes with a 10-year warranty for total peace of mind.

Best of storage solutions 'BOSS'

AgriDome structures are engineer designed and materials used comply with South African Bureau of Standards (SABS) specifications to withstand cyclonic wind load ratings. This means that we construct the strongest frame structure possible and only use heavy weight membrane covers to withstand harsh weather conditions.

Fire Performance

The fire performance of membrane structures is unique as it does not contribute as fuel to the fire. The membrane will not ignite and spread the fire across, but will contain the fire completely within the structure. It will melt where in contact with the flame, creating an opening allowing the heat and smoke to escape and reduces the energy feedback to the fire, acting as a smoke and heat vent.

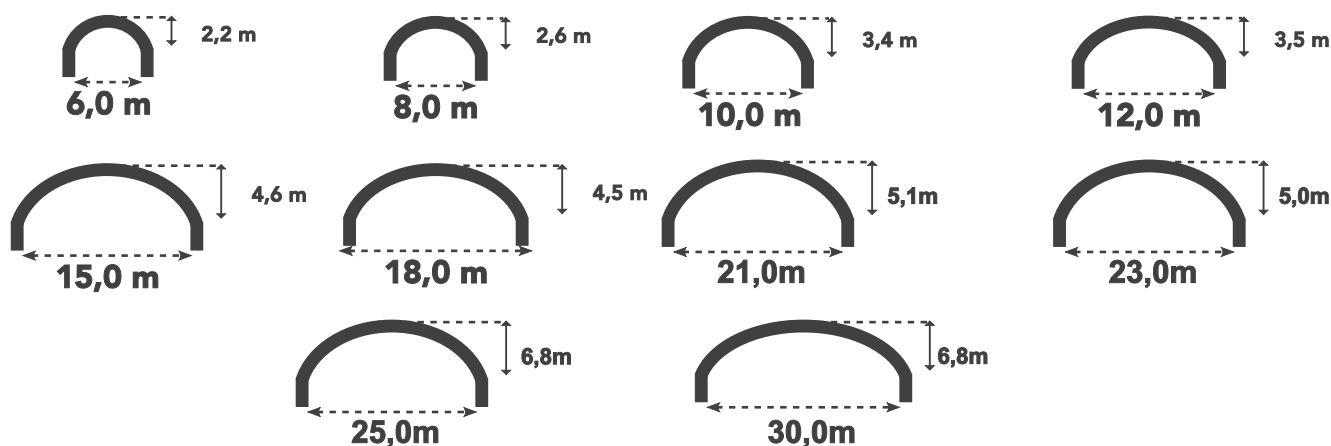
MULTIPLE APPLICATIONS

- ✓ Farming shelters or barns to protect livestock from the sun, rain, hail, frost and dust.
- ✓ Yard covers for livestock auction displays or equestrian arenas.
- ✓ Weather protection and storage of stockfeed, hay, fertiliser, grain, sand, salt or sugar.
- ✓ Warehousing and dockyards
- ✓ Undercover storage for heavy machinery, equipment and vehicles.
- ✓ Outdoor work areas or temporary and relocatable workshops.
- ✓ Aviation hangars for aeroplanes or helicopters.
- ✓ Controlled access gates.
- ✓ Market places and show rooms

CHOOSE THE LENGTH AND SIZE FOR THE SPECIFIC APPLICATION AND AREA

Standard lengths of 6,0 m and 12,0 m available.

On request the dome can be installed on top of existing containers, gum poles or precast walls provided by the customer. Prerequisite specifications exist for these customizations and must be requested on order.



KEY FEATURES

- ✓ Maximum usable space; no columns or poles to interfere with your interior plans or ease of movement
- ✓ Maintains shape, does not shrink, swell, split, warp, rust or rot away; steel frames resist corrosion
- ✓ Abundant interior sunlight; no artificial lighting needed during the day; decreased utility bills
- ✓ Self cleaning; never needs painting; dust, dirt, pollutants wash off with water; no rotting parts to replace
- ✓ Permanent or Temporary: Structures may be moved, disassembled or sold if no longer needed
- ✓ Fewer pests; corner-free design means no hiding places for rodents, to nest or feed on
- ✓ Is not treated with arsenic, acid, or pesticides — rain simply washes the structure clean
- ✓ Low cost per square meter; initial investment is low
- ✓ Shelter materials are manufactured to SABS standards (South Africa Bureau of Standards)
- ✓ Strongest Rip stop PVC Covers; withstand high winds and natural weather events
- ✓ Acoustics inside are exceptional; no sounds of pelting rain on sheets
- ✓ Many ventilation options; interior smells fresh; natural light helps to eliminate moisture and bacteria
- ✓ Very fast to build; construction costs less
- ✓ Controlled climate; buildings stay warmer in winter, cooler in summer; energy is saved — utility bills reduced