



THE FARMER'S  
**SMART WATER  
STORAGE**  
CHOICE



SAFELY STORE ALMOST ALL LIQUIDS,  
FROM POTABLE WATER TO LIQUID  
FERTILISER

*"We got a return on our investment in one season."*  
Marius van Staaden, aquaponics farmer, Centurion

*"The Damsak® is an absolute necessity for its clean conditions."*  
Frik de Villiers, general manager, Franklyn Farms, Hoedspruit.



\* When used in accordance with manufacturer's recommendations.

# WHAT IS A DAMSAK®?

- Damsak® is a cost-effective, patented bladder reservoir designed to store nearly all liquids efficiently and reliably.
- It is designed and created in South Africa for African conditions, made from polyester-reinforced polyvinyl chloride (PVC), which makes it exceptionally strong, durable, and versatile, with a 10-year warranty, ensuring the quality of the product.
- Special jigs are used during production to create the unique and critical shape of the corners, ensuring maximum functionality and durability.

# DAMSAK®, COMPARED TO TRADITIONAL WATER RESERVOIRS.

Comparison Aspect	Damsak® PVC	Steel Tanks	Plastic Tanks	Fiberglass Tanks	Concrete Tanks
Durability	<b>High:</b> Polyester-reinforced polyvinyl chloride (PVC) resists puncture and UV rays.	<b>Moderate:</b> Strong steel body, zinc coating adds corrosion resistance.	<b>Moderate:</b> UV-treated polyethylene, degrades after 10-20 years.	<b>Moderate:</b> Resistant to impact & corrosion.	<b>High:</b> Can bear heavy loads and soil pressure.
Convenience (Installation and Use)	<b>High:</b> Easy setup, lightweight, folds flat when empty; no specialised tools needed.	<b>Moderate:</b> Requires level base & bolt up; heavier tools needed, but modular panels simplify assembly.	<b>High:</b> Quick 'drop-in' installation, no welding; lightweight.	<b>High:</b> Modular panels; requires skilled installer for resin work.	<b>Moderate:</b> Requires excavation, formwork and curing time; labour-intensive.
Material	<b>Polyester-reinforced polyvinyl chloride (PVC)</b>	<b>Steel</b>	<b>Polyethylene</b>	<b>Fiberglass</b>	<b>Concrete</b>
Size Ranges	<b>500 litres - 500 000 litres.</b>	<b>7 000 litres to 4.2 million litres (SBS)</b> varies by panel system.	<b>50 litres - 40 000 litres (RotoTanks)</b> <b>Larger units up to 50 000l</b>	<b>110 000 litres +</b> (Custom sizes)	<b>Customisable</b> to requirements
Transportability	<b>High:</b> Can be loaded in a small vehicle when empty, and moved repeatedly.	<b>Low:</b> Panels are heavy; transport requires a truck and a crane.	<b>Low:</b> Easily lifted onto trailers/trucks. Does require large trucks/logistics to move.	<b>Low:</b> Panels are heavy but can be moved with cranes.	<b>Low:</b> Once built, it is immobile.
Water Preservation Ability	<b>Excellent:</b> Closed, dark interior prevents algae and evaporation, keeps water clean and safe for drinking.	<b>Good:</b> Closed designs available; metal does not inhibit algae but can be coated to limit growth.	<b>Good:</b> Closed tanks prevent evaporation; UV-stabilised grades limit algae growth.	<b>Good:</b> Closed design prevents algae growth; resin barrier prevents moisture loss.	<b>Excellent:</b> Excellent thermal mass keeps water cool; sealed liners stop algae.
Maintenance	<b>Low:</b> Visual checks only.	<b>Low to moderate:</b> Zinc coating limits rust; periodic inspection needed.	<b>Low:</b> Visual inspection and occasional cleaning.	<b>Low to moderate:</b> Resin checks needed.	<b>High:</b> Crack monitoring and waterproofing repairs.





## WHAT PROBLEMS DOES DAMSAK® SOLVE FOR YOU, THE FARMER?

Damsak® was made with farmers in mind. A reservoir created and patented by South Africans who, with a heart for farmers and the farming community, understand the high-pressure circumstances farmers face when they require access to large amounts of stored water at once because of **unreliable water sources, erratic weather patterns, and poor infrastructure.**

Here are four of the main water-storage solutions that Damsak® offers your farm:

### 1. IRRIGATION

You can fill a Damsak®, using a borehole, rainwater, or municipal water, during wet seasons or when the farm doesn't need water for operations, so that the farm can have **access to water during the dry seasons**, or when municipal water systems fail. The water table can drop during the dry seasons so that you can't use your boreholes, but the Damsak® ensures that the farm will always have water.

### 2. LACK OR FAILURE OF INFRASTRUCTURE

A Damsak® is portable, and you can easily transport it, when empty, to places where it is needed, especially where there is poor infrastructure, such as farm communities, on grazing fields for livestock, or fields for planting that are far from water sources. Because they are so **portable and easy to set up**, you do not need to worry about planning ahead of time or investing in heavy infrastructure, facing the risk that the location may no longer be viable for grazing or planting in the near future.

### 3. WATER OR LIQUID STORAGE

A Damsak®'s polyester-reinforced polyvinyl chloride (PVC) lining allows for sanitary conditions in which you can **store drinking water** without the concern of the water getting polluted or contaminated. It also removes the risk of algae growth, ensuring that you can store water for the long term and it remains fresh. You can also use a Damsak® for rain water harvesting, and its bladder ensures that no stored water is lost by evaporation. You can even use a Damsak® to **store pesticides or liquid fertiliser**, and place it anywhere on the farm for easy access, because of its optional, specialised lining and its robust material, preventing the environmental risk of leaks and contamination.

### 4. FIRE PREVENTION

You can use a Damsak® to have easily accessible water points, strategically placed at fields that are at high-risk of fire, or you can place them as **counter measures against fires in your farm communities.** You can use a Damsak® to set up an essential irrigation system that will always have water, even in the dry seasons, when the risk of veld fire is highest, or for a fire out-break in farm communities or store houses, in order to combat fires that risk damaging your farm.

# EVERY SIZE FOR EVERY NEED



**500L**  
R1 652.17 (EXCL. VAT)  
R1 900 (INCL. VAT)



**1 000L**  
R2 173.91 (EXCL. VAT)  
R2 500 (INCL. VAT)



**3 500L**  
R4 782.61 (EXCL. VAT)  
R5 500 (INCL. VAT)



**6 000L**  
R7 565.22 (EXCL. VAT)  
R8 700 (INCL. VAT)



**15 000L**  
R12 347.83 (EXCL. VAT)  
R14 200 (INCL. VAT)



**20 000L**  
R14 956.52 (EXCL. VAT)  
R17 200 (INCL. VAT)



**35 000L**  
R20 695.65 (EXCL. VAT)  
R23 800 (INCL. VAT)



**50 000L**  
R26 260.87 (EXCL. VAT)  
R30 200 (INCL. VAT)



**100 000L**  
R43 478.26 (EXCL. VAT)  
R50 000 (INCL. VAT)



**200 000L**  
R72 000.00 (EXCL. VAT)  
R82 800 (INCL. VAT)



**250 000L**  
R90 086.96 (EXCL. VAT)  
R103 600 (INCL. VAT)



**333 000L**  
R112 608.70 (EXCL. VAT)  
R129 500 (INCL. VAT)



**500 000L**  
R162 173.91 (EXCL. VAT)  
R186 500 (INCL. VAT)



**SCAN THIS CODE**  
AND BUY YOUR DAMSAK® TODAY

The shape of the corners may differ from the imagery above.

# SEE HOW DAMSAK® WORKS FOR OTHER FARMERS



**Industry:** Cucumber Farmer in Centurion

**Damsak® sizes:** 200 000l and 6000l

**Problem solved:** Saving money by storing borehole water in a Damsak® instead of using municipal water.

**Marius and Adri van Staaden are a farming couple who have been farming for the last 20 years in the Centurion region. Their farm, M&P Growers, makes use of hydroponics, a system that is heavily dependent on continuous water access, and their main produce is cucumbers.**

During the dry seasons, when the water table sinks, M&P Growers couldn't make use of their boreholes and had to get water from the municipality to ensure an uninterrupted flow of production. This measure was incredibly expensive and taxing on the farm's business, and caused Marius and Adri to look for water reservoir solutions. They bought a 200 000l Damsak®, which took them a week to fill from the borehole, this enabled them to have uninterrupted water access during the dry seasons.

The Damsak® reservoir revolutionised the way they store water and helped them save money: "We got a return on our investment in one season," said Marius, "not having to depend on municipal water during the dry seasons." Marius also got a 6 000l Damsak® that he uses to transport water around his farm, between properties, and if M&P Growers have any plans in the future of expanding, they know that they can depend upon Damsak® to be their water reservoir solution.



**Industry:** Berry farmer in Hoedspruit

**Damsak® sizes:** two 250 000l and one 500 000l

**Problem solved:** Water supply and security is assured by the Damsak®'s controlled conditions for smart irrigation systems.

**Frik de Villiers is the General Manager of Franklyn Farms, found in the region near Hoedspruit. The farm's main produce is berries, and it applies smart irrigation systems such as micro-irrigation and drippers to reduce water wastage, systems that need water security to function.**

8 years ago, the farm bought two 250 000l Damsak®'s that they connected to the irrigation system, and because of its closed system, preventing contamination and algae growth, they have become essential to the entire irrigation system of Franklyn Farms. "The Damsak® is an absolute necessity for its clean conditions," said Frik de Villiers, and he also praised Damsak® for its incredible versatility and robustness.

Because of his satisfaction with how the two Damsak® reservoirs performed, the farm bought another 500 000l Damsak®, totalling in 1 000 000l of water that Damsak® stores for Franklyn Farms, allowing them to irrigate all 15 hectares of the farm's land. Franklyn Farms provides berries for Driscoll's Berries UK and commended Damsak® to them, which resulted in Driscoll's buying a few Damsak® reservoirs for some of their berry farms in the UK, strengthening Damsak®'s already international presence.

## WHY CHOOSE A DAMSAK®?

The Damsak® is the **smart water storage solution for your farm**, ensuring that your farm has water when it's needed and where it's needed because the Damsak® is:

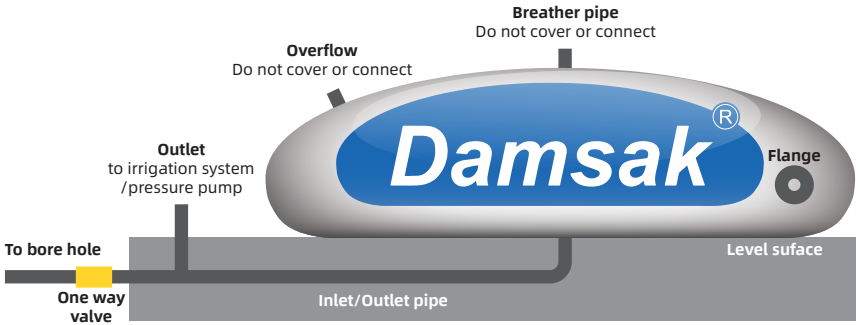
- UV-protected
- Proven to be reliable and durable

## EASY TO INSTALL

Installing a Damsak® is as easy as **1-2-3**:

1. Level the ground surface and lay the inlet pipe
2. Unload & unfold
3. Connect and fill up your Damsak®

Take a look at the Installation Schematic, and watch the installation video on our website to see how quickly and effortlessly you can add a Damsak® to your farm.



**VIEW THE EASY  
INSTALLATION  
PROCESS HERE.**

## EASY TO TRANSPORT

When empty, the Damsak® packs down effortlessly. It can be folded flat, loaded onto a bakkie, and transported between sites with ease - no cranes, trailers, or specialised logistics required.

## 10-YEAR WARRANTY

Damsak® reservoirs carry a ten year warranty on workmanship and build quality when used under recommended conditions.



\* When used in accordance with manufacturer's recommendations.

## CONTACTS

Rob van Rooyen: **066 443 6591**

Admin, Support and Repairs: **063 565 6463**



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