

Filtration & turnkey water plants

From a single filter cartridge to a complete plug-and-play water plant — designed, supplied and supported for your process, your source water and your industry.

Coarse to absolute-rated

Plug-and-play, turnkey

Municipal, borehole, river, rain

Level 2 B-BBEE | 300+ sites served nationally | Treating industrial water since 1998



Innovative Water Solutions

01

PROCESS WATER TREATMENT

How a turnkey plant is built

Process water treatment is everything between the raw water a site can get — municipal, borehole, river or rain — and the water its process actually needs. Filtration is where most of that work starts.

Prosep supplies filtration across the full range, from coarse and depth cartridges through self-cleaning filters to ultrafiltration and reverse osmosis, and designs turnkey water plants that put the whole train on your site as one package.

Cost

The municipal water bill has become a board-level number.

Quality

The process needs better water than the tap delivers.

Security

The site cannot tolerate supply interruptions.

The programme, stage by stage

Stage	What it does
Water analysis & balance	A full water analysis and water balance first — so the train is designed to the quality each duty needs.
Train design	Intake, clarification, filtration, disinfection and storage, costed against the municipal alternative before you commit.
Supply & commissioning	Plant, chemicals and dosing from one accountable supplier, commissioned on your site.
Monitoring & optimisation	Performance reported against targets, with the consumables and service that keep it running.

1998

Treating industrial water since

300+

Sites served nationally

132 million

Litres treated daily

Level 2

B-BBEE contributor

Filtration & equipment

- Depth, coarse and absolute-rated micro cartridges
- Filter bags and housings — stainless steel and polypropylene
- Sanitary housings, strainers and sand filters
- Filter presses and press plates
- Self-cleaning filters, including the Baleen filter
- Reverse osmosis and ultrafiltration
- Ozone generators and UV disinfection

Industries served

- Bottling plants and drinking water
- Food and beverage
- Pharmaceutical and biomedical
- Chemical industry and clean rooms
- Mining, agriculture and power generation
- Sewage and effluent
- Municipalities and water boards

**PROOF — ALTERNATIVE SUPPLY, RAINWATER HARVESTING****Beverage producer, Heidelberg****PROBLEM**

Municipal water consumption costs.

PROGRAMME

Four 10 m³ rainwater storage tanks installed across the site's harvesting stations with filtration, commissioned December 2023, designed to capture in the order of 2,600 m³ of rainwater a year from roughly 3,000 m² of roof.

RESULT

Operational; the client has since added further storage of its own, extending the scheme.

NEXT STEP

Book a site assessment

We survey your systems, sample your water and map the risks to uptime, yield and compliance — then state exactly what we would do, and prove it with your own plant's data.

- 01 We assess the site and take the analyses
- 02 You get an engineered programme, costed before you commit
- 03 We implement, monitor and report against the targets

Have this ready and the first visit goes further

- Your water source and a recent analysis
- Flow needed and hours of use
- The quality each use point needs
- Current filters and consumables in use
- Monthly municipal water use and cost
- Available space for a plant

Talk to us

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Visit

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