PRODUCT GUIDE





HISTORY

Located in Cape Town, South Africa, 4EVR Plastic Products specializes in the rotational moulding of high quality polymer products. The company was established in 1975 and has since grown from strength to strength. They started out as an agent for a Gauteng-based company, but bought their first roto-mould machine in the mid nineties, to manufacture and distribute their own products in the Western Cape.

Since then the company has invested significantly in roto-mould machines and moulds and established itself as a leader in the customised product's market. Today 4EVR Plastic Products owns a large variety of machinery from small to large which enables them to manufacture the widest range of products possible. They are the first company to install a Rheinhart machine in the Western Cape.

"They are the first company to install a Rheinhart machine in the Western Cape."

4EVR Plastic Products has established itself as the preferred supplier of septic tanks in the Western Cape. They have also developed a range of unique products such as the 4EVR Step Irons and Rubble Chutes & Receivers, as well as being the first company to manufacture plastic roto-moulded Fire Boxes.

In 2009 4EVR Plastic Products was bought by its' present owners, who brought new innovation and ideas to the company. Their vision was to expand the company further and establish themselves as the leaders in custom designed products.

"...and establish themselves as the leaders in custom designed products."

4EVR Plastic Products manufactures a range of eco-friendly products and owns the *ecogator* brand. The *ecogator* range of products include the following: *ecogator* Grey Water System, Pool Backwash System, Rainwater Harvesting, Fluido (combining German technology with South African tanks), Communal Standpipe, Rainwater Sump, etc. The focus of the *ecogator* range is mainly on water conservation and protecting this valuable resource.

"We look forward to being of service to all our current and prospective clients, we pride ourselves in service-delivery of the highest standard", Vonnie Heyns, Managing Director, 4EVR Plastic Products.



LIST OF CONTENTS

1. UNDERGROUND TANKS

Garden and Household 8. CUSTOMISED PRODUCTS	
7. GENERAL	<u></u>
• General	.21
6. MARINE/AQUA AND AGRICULTURE	
• Fireboxes	
5. BUILDING AND INDUSTRIAL • General	15
Toilet HutsSanitary Ware	.9 .13
4. MOBILE TOILETS AND SANITATION	0
 3. WATER CONSERVATION • Grey Water System • Fluido Sewerage 	
 ABOVE-GROUND TANKS • Rainwater Harvesting Tanks • Water and Chemical Storage Tanks 	
Septic/Conservancy TanksRainwater Storage Tanks	



UNDERGROUND TANKS

SEPTIC/CONSERVANCY TANKS

4EVR Septic Tanks:

- boasts an internal baffle to divide solids and fluids
- includes a unique internal pipe and tube system to ensure no unwanted spillage
- are resistant to the action of sewer gasses
- can be easily pumped out if necessary

SEPTIC TANKS						
Code	Volume	Length (mm)	Width (mm)	Height (mm)	People	
SDST	1 000 L		1 200	1 600	informal	
ST1	1 400 L	1 300	1 300	1 600	informal	
ST2	2 200 L	2 000	1 200	1 400	8	
ST3	3 600 L	2 400	1 400	1 700	13	
ST4	4 400 L (2 x 2 200 L)	2 000	2 800	1 400	16	
ST5	7200 L (2 x 3 600 L)	2 400	3 200	1 700	25	
ST6	6 500 L (1 chamber)	3 100	1 800	2 300	20	

DID YOU KNOW?

We use the same basic mould for both our Septic tanks and our Conservancy tanks.

The Septic Tank is differentiated to include an internal divider, which creates two chambers in order to separate floating solids and fluids. It is also fitted with an overflow pipe on the side of the tank.

The Conservancy Tank does not have an internal divider or an overflow pipe. This increases the holding capacity of the storage tank.

CONSERVANCY TANKS (140 L p/p p/d)

Code	Volume	Length (mm)	Width (mm)	Height (mm)
CT1	1 500 L	1 300	1 300	1 600
CT2	2 500 L	2 000	1 200	1 400
СТЗ	4 000 L	2 400	1 400	1 700
CT4	5 000 L (2 X 2 500 L)	2 000	2 800	1 400
CT5	8 000 L (2 X 4 000 L)	2 400	3 200	1 700
CT6	7 000 L	3 100	1 800	2 300





RAINWATER STORAGE TANKS

All 4EVR Tanks:

- are Roto-moulded as one integral part to ensure a watertight unit
- have heavy-duty reinforced ribs for extra strength
- are durable, lightweight and strong
- can be linked to increase capacity
- includes fittings
- offers easy access to inlet and outlets
- rust and corrosion-free (this would shorten the life expectancy of the units) making it 2 - 3 times more long-lasting than traditional tanks
- includes a removable manhole cover which could be filled with concrete

Why go above-ground if you could save space by going underground?

No more hiding of tanks and using precious space! Install your rainwater harvesting tanks underground for convenience and aesthetics!

Our rainwater storage tanks are made of 100% pure Polyethylene.

The tanks are odourless and resistant to bacterial and chemical decay and are maintenance free. The closed unit design minimizes evaporation and leakage; is waterproof to prevent ground-water inflow and contamination; and is root resistant.





RAINWATER STORAGE TANKS					
Code	Volume	Length (mm)	Width (mm)	Height (mm)	
UWT1	1 500 L	1 300	1 300	1 600	
UWT2	2 500 L	2 000	1 200	1 400	
UWT4	4 000 L	2 400	1 400	1 700	
UWT5	5 000 L (2 x 2 500 L)	2 000	2 800	1 400	
UWT7	7 000 L	3 100	1 800	2 300	
UWT8	8 000 L (2 x 4 000 L)	2 400	1 700	1 700	

RAINWATER STORAGE TANK

Code UWT1 - UWT7









WATER CONSERVATION

n(7)

- 1 Underground Rainwater Tank
- 2 1000 L Rainwater Tank
- 3 Backfeed/filtration System
- 4 Grey Water System

- 5 Rainwater Sump
- 6 Big Storage Tanks
- 7 Pool Backwash



ABOVE-GROUND STORAGE TANKS

RAINWATER HARVESTING TANKS



All across the world, water is becoming a scarce and vulnerable resource. In South Africa we are experiencing the harsh effects of drought in certain regions. At 4EVR Plastic Products we are constantly developing products to preserve and protect this precious resource. All our tanks are UV-stabilized and made from food-grade material.

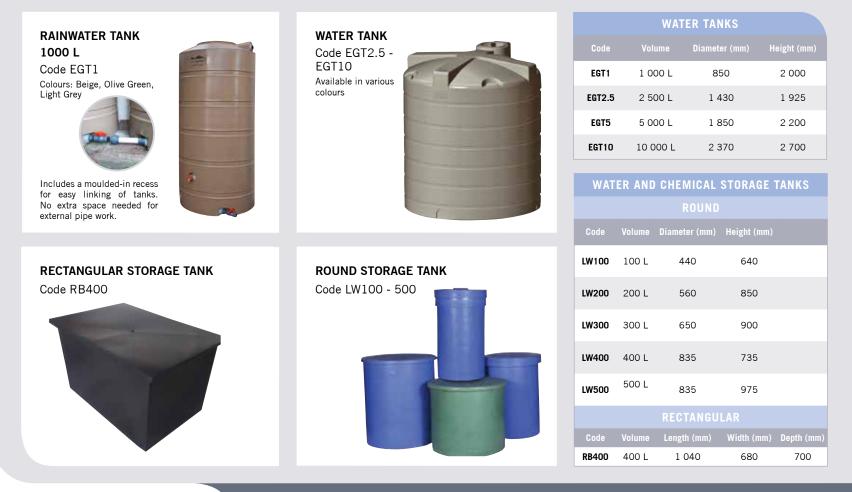
The ecogator range consists of the following:

- Underground tank
- Grey water system
- Pool backwash system
- Fluido sewage treatment plants
- Rainwater harvesting tanks
- Communal standpipe
- Backfeed/filtration system
- Rainwater sump





WATER AND CHEMICAL **STORAGE TANKS**





WATER CONSERVATION

GREY WATER SYSTEM





PO	OL BA Sys		SH
Code	Volume	Length (mm)	Height (mm)

PBR300	300 L	740	1 030
PBR500	500 L	980	1 070

The ecogator Pool Backwash System re-cycles the backwash water to your swimming pool.

GREY WATER SYSTEM



GREY	WATE	R SYSTE	MS
Code	Volume	Length (mm)	Height (mm)
EGGW2 (no pump)	120 L	810	830

EGGW3 (pump included)	120 L	810	830
--------------------------	-------	-----	-----

The ecogator Grey Water System includes a tank (120 L), pump, filter unit and manual.

RAINWATER SUMP

Code EGRS

The ecogator Rainwater Sump will collect, filter and pump (pump not included) the rain water to your central water storage tanks (wherever they are positioned in your garden).



FLUIDO SEWAGE SYSTEM



FLUIDO SEWAGE SYSTEM Code FLU6500

Made according to International standards

Fully Biological Sewage Treatment Plant

User-friendly German REWATECH FLUIDO sewerage technology system combined with a 4EVR sewage tank



HOW IT WORKS: The FLUIDO cleaning cycle is eight hours.

During this time, wastewater, stored in the pre-treatment container (1), is fed intermittently in batches into the FLUIDO chamber (2)

The FLUIDO System (3) pumps in oxygen through a submerged aerator, which allows the growth of microorganisms to digest the sewage.

At the end of the cycle, cleaned water would have accumulated in the upper part of the chamber. This water can then be pumped into the garden, soak-away area or flow away ditch. Meanwhile a new amount of sewage would have gathered in the pre-treatment container and the new cycle will start every eight hours.

1 Preliminary sedimentation of wastewater

4 Top cover

2 FLUIDO chamber

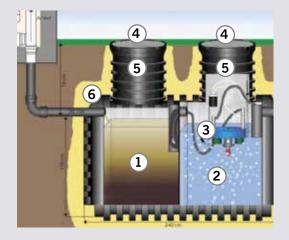
5 Shaft

3 FLUIDO System

6 4EVR Septic tank

4EVR FAST FACTS

- Operate with low and high inflow volume
- No complex filters which can cause blockages
- Lightweight and extremely compact
- Low installation depth
- Bacterial disinfectant options available





MOBILE TOILETS AND **SANITATION** ^T

TOILET HUTS

DID YOU KNOW?

4EVR Plastic Products offers two basic mobile toilet huts/structures:

- the round site toilet hut
- the comfort hut

Each hut is designed to include various options. (See included chart).

The different products could be bought on its own or with a 4EVR mobile toilet hut.

Our sanitation products and accessories are designed to be fully compatible with the 4EVR Plastic Products Mobile Toilets.

All parts, fittings and pipes are made of high quality polyethylene that is rust-proof and durable, with no corrosion and rotting.

Our toilets are ideal for construction sites, road camps, farms and rural housing.

ROUND TOIL Code KFT	ET HUT		
	Pr	_	
		1	
			T
-			
		-	
-			
		-	7

ROUND SITE TOILET						
Code	Description	Including	Diameter (mm)	Height (mm)		
KFT	KFT Hut	hut only	1 100	2 000		
KFT 1	KFT Stand Alone	hut, pedestal, bucket	1 100	2 000		
KFT2	KFT Longdrop	hut, funnel	1 100	2 000		
КҒТЗ	KFT Full Flush	hut, p-trap pan, cistern, toilet seat	1 100	2 000		
KFT3A	KFT Full Flush	hut, p-trap pan, cistern, toilet seat, wash basin, tap outside	1 100	2 000		
KFT4	KFT Chemical Field Toilet	hut, 240 L waste tank, water tank, wash basin, tap, toilet seat & lid	1 100	2 000		

TOILET HUTS





Code PSL 600 mm (I) x 520 mm (w) x 450 mm (h)

Code SP 20 L Bucket (370 mm x 360 mm)



FULL FLUSH TOILETS

Code KFT3 & KFT3A

Builders' favourite

This flush toilet system works the same way as a household toilet. Therefore it has to be connected to a sewerage and water line.

The KFT 3 is without a basin and the KFT 3A includes a basin at the back of the structure.





KFT LONG DROP

Code KFT2

Field toilet Pedestal seat with flap-lid. Funnel for access to long drop

Code VP VIP Pedestal included



CHEMFLUSH CHEMICAL FIELD TOILET

Code KFT4

Farmers' favourite - as specified by fruit exporters

Water from the 40 L tank at the back is used for washing hands, which then flows via a ball valve outlet hose over the toilet waste screen cover. The waste screen cover cuts view of sewerage content by up to 95% and it helps to eliminate in-transport spillage. The 50 mm vent pipe at the back draws out odours. It includes a 240 L waste tank which should be cleaned with a "honey sucker" sewerage truck.





MOBILE TOILETS AND SANITATION

TOILET HUTS

COMFORT TOILET HUT Code CTH



COMFORT FULL FLUSH Code CTH2

No basin

Code CTH2A

Includes basin inside the hut

Builder's favourite

This flush toilet system works the same way as a household toilet. Therefore it has to be connected to a sewerage and water line. The CFT2 is without a basin and the CFT3A includes a basin at the back of the structure.

COMFORT CHEMICAL FIELD TOILET Code CTH6

Farmers Favourite

Water from the 40 L tank at the back is used for washing hands, which then flows via a ball valve outlet hose over the toilet waste screen cover. The 50 mm vent pipe at the back draws out odours. It includes a 240 L waste tank which should be cleaned with a "honey sucker" sewerage truck.

COMFORT DRUM Code CTH3 No flushing system

Code CTH4 Hand-operated flush pump system inside

Simple and efficient

Strong, solid structure with toilet including a 90 L drum system. Two drums included to switch while emptying and cleaning the other drum.





TOILET HUTS



COMFORT TOILET					
Code	Description	Including	Diameter (mm)	Height (mm)	
СТН	Comfort Hut	hut only	1 200	2 100	
CTH2	Comfort Full Flush	hut, p-trap pan, cistern, toilet seat	1 200	2 100	
CTH2A	Comfort Full Flush	hut, p-trap pan, cistern, toilet seat, wash basin, tap inside	1 200	2 100	
СТНЗ	Comfort Drum System	hut, seat, 2 x 90 L waste drums	1 200	2 100	
CTH4	Comfort Drum Flush System	hut, seat, 2 x 90 L waste drums, flush pump, 25 L drum (pallet optional)	1 200	2 100	
CTH5	Comfort Long Drop	hut, funnel	1 200	2 100	
СТН6	Comfort Chemical Field Toilet	hut, 240 L waste tank, 40 L water tank, hand wash basin, tap and toilet seat/lid	1 200	2 100	



MOBILE TOILETS AND SANITATION

SANITARY WARE

P-TRAP PAN

Code PTP4

9L CISTERN Code CIST 450 mm (I) x 140 mm (w) x 390 mm (h)





LARGE URINAL Code UR

340 mm (l) x 430 mm (w) x 680 mm (h)



SMALL URINAL

Code URI 300 mm (I) x 200 mm (w) x 460 mm (h)









RUAAN HAND BASIN KITCHEN SINK WASH TROUGH + BRACKET ANNEKE HAND BASIN Code KZ Code WTB Code WHB Code RWB 530 mm x 380 mm x 150 mm 780 mm x 440 mm x 130 mm 380 mm x 300 mm x 100 mm (with bracket) 700 mm x 470 mm x 280 mm Code WT (wash trough only) SHOWER TRAY **RUBBER SEALS SPOUT BUCKET - 10 L** SANITARY PAIL - 20 L For PVC pipe/tank fitting Code ST Code SB Code SP Code ST7 900 mm x 900 mm x 160 mm 50 mm rubber seal for 50 mm PVC pipe Code ST8 110 mm rubber seal

for 110 mm PVC pipe

MOBILE TOILETS AND SANITATION 14



BUILDING AND INDUSTRIAL

RUBBLE CHUTE





RUBBLE CHUTE

DID YOU KNOW?

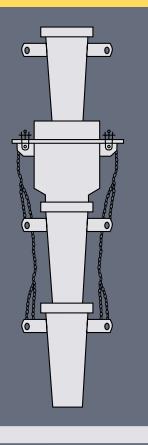
The 4EVR Rubble / Waste Safety Chute is the perfect way to remove rubble or household waste safely from multi-storied buildings to the site rubble dump or waste container on the ground.

The Rubble / Waste Safety Chute consists of 2 parts:

- the receiver which is located on the appropriate floor storey levels where building rubble / waste is generated
- the chute which guides the waste as it falls

Rubble / waste receivers are placed in line, but on different floors, and the Safety Chute is extended by linking numerous chutes together until the required height is reached

- Minimum noise
- Versatile
- Made from durable Polyethylene
- No corrosion or rust
- Ease of installation



RUBBLE CHUTE RECEIVER

Code RRC 1 034 mm (h) x 620 mm (w)

RUBBLE CHUTE

x 400 mm (w) bottom

Code RC

1 400 mm (h) x 560 mm (w) top





BUILDING AND INDUSTRIAL

GENERAL

PALLET BIN

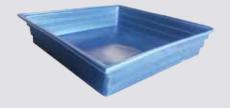
Code PB Outer: 1 220 mm (I) x 1 010 mm (w) x 780 mm (h) Capacity: 650 L Max carry load: 1 000 kg Foam filled for extra strength, corners with holes to attach hooks

CEMENT TRAY HEAVY DUTY Code APT1 890 mm (I) x 890 mm (w) x 300 mm (h)



DIESEL SPILLAGE TANK

Code DST 2 240 mm (I) x 2 240 mm (w) x 500 mm (h)



CEMENT TRAY ALL PURPOSE Code APT 600 mm (I) x 600 mm (w) x 130 mm (h)



ROAD BARRIER

Code PRB

- 960 mm (h) x 730 mm (w) x 1 800 mm (l)
- Portable, stackable and lightweight barrier for roads, parks, public works, etc.
- Can be filled with water for extra stability and weight
- Interlocking pin between barriers



BUILDERS WHEELBARROW LINER

- Code BWB
- Reinforced rims
- Maintainance by lining current tray
- or Replace old rusted tray



GENERAL

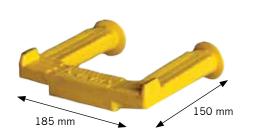


4EVR STEP IRON

Code SI 1 Brickwork: Long 70 mm insert length

Code SI 2 Concrete: Medium 50 mm insert length

Code SI 3 Fibre: Short 35 mm insert length



Standard step size





4EVR FAST FACTS

- Tough and durable suitable for all types of corrosive environments.
- Made from tough injected moulded copolymer polypropylene that encapsulates a 12 mm high tensile reinforcement steel bar. The tapered tail piece forms a Positive Friction Lock, resulting in a highly secure, water tight joint.





BUILDING AND INDUSTRIAL

GENERAL

BOUNDARY MANHOLE CHANNEL

Code BRC 1 565 mm (h) x 720 mm (diameter)

Code BRC 2 820 mm (h) x 720 mm (diameter)

Code BRC 3 1 200 mm (h) x 720 mm (diameter)

Municipality approved. 110 mm in- and outlet

Waterproof and root resistant



CABLE DUCT

Code CD 1 810 mm (h) x 720 mm (diameter)

Code CD 2 960 mm (h) x 720 mm (diameter)

Code CD3 1 600 mm (h) x 720 mm (diameter)

Underground access to telephone and fibre optic cables



INDUSTRIAL GREASE TRAP

Code GT 1 120 mm (h) x 720 mm (diameter)

Suitable for butcheries, restaurants and more



FAT TRAP

Code FT40 600 mm x 460 mm x 300 mm *Under-sink 40 litre*



PETROL - OIL - INTERCEPTOR

Municipality regulated for use in vehicle wash bays and service stations. Separate oil-, grease-, petrol- and diesel waste and prevents it from entering sewerage systems.



PETROL - OIL - INTERCEPTOR

Code	Description	Length (mm)	Width (mm)	Height (mm)
MPOI 1	500 L (2 x tanks)	1 740	720	960
MPOI 2	750 L (3 x tanks)	2 760	720	960
SDPO 1	2 000 L (2 x tanks)	3 000	1 200	1 600
SDPO 2	3 000 L (3 x tanks)	4 400	1 200	1 600

FIRE BOXES

FIRE BOX

BA BOX

Emergency

storage box



540

790

790

690

342

420

420

415

215

300

230

230

FIRE BUCKET Storage box for Code FB fire extinguisher 20 litre 4.5 kg Fire Box FB4.5 FB6.8 6.8 kg Fire Box FB5 5 kg CO₂ FB9 9 kg Fire Box FIRE Lines. Double 9 kg Fire Box FBD9 HB Hose Box HB2 Hose Box 2 x 30 m Hose Box 3 x 30 m HB3 4EVR Fire Boxes are made from LLDPE for strength HR Hose Reel and durability, and inspection can be done easily breathing and through the Polycarbonate viewing panel. BA Set 10 min FBA10 The sliding doors - with no hinges - let you access the box quickly and smoothly in time of danger. They FBA30 BA Set 30 min are compact and stackable for optimum transport. Fire Bucket corners FB Stackadle Fire Breaking Glass FBBG Fire Box Locks FBL Fire Box Keys FBK



MARINE/AQUA AND AGRICULTURE

GENERAL



GENERAL



JETTY FLOATS

Code JF

850 litre

1 500 mm (I) x 230 mm (w) x 730 mm (h)

Code SJF

1 250 litre

1 750 mm (I) x 840 mm (w) x 1 010 mm (h)



JETTY FLOATS

Code JF2 **1 300 litre** 2 100 mm (I) x 1 080 mm (w) x 720 mm (h)







GARDEN AND HOUSEHOLD

HANDS-FREE POLE

LITTER BIN

Code HF

Balanced to

correct itself

RD: A2003/00798

70 litre

WHEELIE BIN

Code WB 240 litre Code WB1 140 litre







POLE MOUNTED LITTER BIN

Code PMLB 50 litre



CCC POLE BIN Code PMB100 100 litre







GARDEN AND HOUSEHOLD



KIDDIES POOL

Code DST 2 240 mm (I) x 2 240 mm (w) x 500 mm (h)

FOUNTAIN POND

Code FP 1 000 mm (d) x 295 mm (h) Use as fish pond. Also ideal as toddler pool



POOL PUMP COVER

Code PPC1 Large 525 mm (I) x 290 mm (w) x

600 mm (h) Code PPC

Small 290 mm (I) x 250 mm (w) x 300 mm (h)



MULTI-PURPOSE BUCKETS Code MB



TRUCK CORNER PIECE

Code TCP1 1 200 mm x 170 mm

Code TCP2 2 400 mm x 170 mm



GENERAL 24



DID YOU KNOW?

We make customised moulds to client specifications and/ or requirements.

With more than 30 years experience in roto-moulding, as well as qualified technical and design personnel, we offer a specialised service to assist you in producing your unique product.

We will guide you through the process, from initial product concept and development, to final design and manufacturing of the product. We will make it happen. WINE FERMENTATION TANK







AGRICULTURAL IMPLEMENTS











COLD CARTS



Crates fit precisely inside mould, with no extra movement possible



The refrigerant compartment can be opened without loosing cold atmosphere in the rest of the unit



The unit is roto-moulded with the customer logo



AWS - Removes iron from borehole water





KOLKOL WOOD FIRED HOT TUBS





CONTACT:

Tel: (021) 905 5590 Fax: (021) 905 5505

Email: info@4evr.co.za

1 Rand Road Blackheath, 7579

Box 324 Kuils River, 7580

www.4evr.co.za



Proud home to ecogator product range

www.ecogator.co.za

