

SAND POLISHING FILTER

Tricel® Sandcel

Innovative design for superior performance



TRICEL
GENERATIONS OF INNOVATION

How a Tricel Sandcel works

Sandcel sand polishing filters are designed to the EPA Code of Practice as tertiary treatment systems. These filters are the perfect solution for treatment and disposal of effluent from a secondary treatment unit. The filters comprise of stratified layers of certified sands according to the EPA Code of Practice.

They are enclosed in GRP impermeable panels which will not rot or decay, ensuring the structure of the filter will hold for many years. The filters can be installed above or below ground with all pipe work accessible from a service pod.

Treatment efficiency:
Sandcel filters provide excellent polishing of treated effluent. Sample testing of some sites where a Sandcel and Tricel Novo wastewater treatment plant were in operation have shown final effluent quality of <1 mg/ltr BOD₅.



Why buy a Tricel Sandcel?

Solid impermeable structure

Filter enclosure will not rot or decay like timber surrounds.

Small footprint

Only 16m² area for a 6 person application eliminating the need of large percolation area.

Aesthetic finish

Filter can be covered with topsoil and planted with a lawn to blend into garden.

Long life components

Certified sands and gravel used as the filter bed which will not break down over time.

Flexible design

Under and overground applications possible.

Future

Pipework accessible from service pod to future proof your system.

Engineered design

Specifically designed pipework network to ensure equal distribution over the entire bed.

High performance

Excellent treatment of effluent.

Legacy sites

Ideal compact solution designed to the EPA CoP fulfilling most Local Authority requirements.

Quick installation

Reduced on site labour costs.

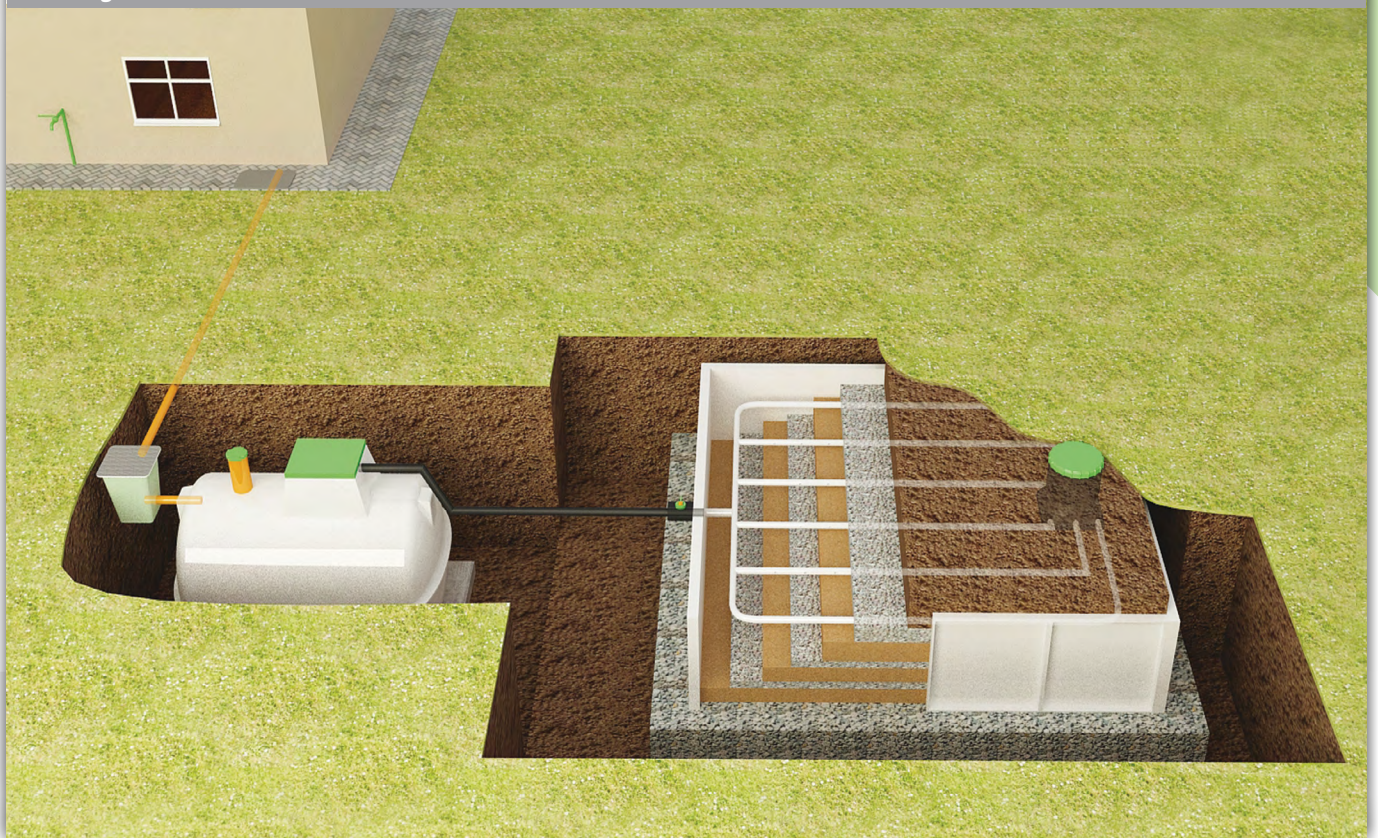
Certification

Certified components used.

Peace of mind

Tricel have earned an unrivalled reputation in the environmental field in over 20 countries worldwide.

Drawing of Sandcel



Sandcel during installation



Sandcel installed

Tricel Sandcel

-Up to 10 persons-

	Sandcel 900	Sandcel 1200	Sandcel 1500
Capacity	900 litres per day	1200 litres per day	1500 litres per day
Length	4000mm	4000mm	4000mm
Width	3850mm	5000mm	6350mm
Depth	1000mm	1000mm	1000mm
Footprint	15.4m ² (165.77 sq/ft)	20.0m ² (215.28 sq/ft)	25.4m ² (269.10 sq/ft)

>10 persons available on request.

Tricel Group

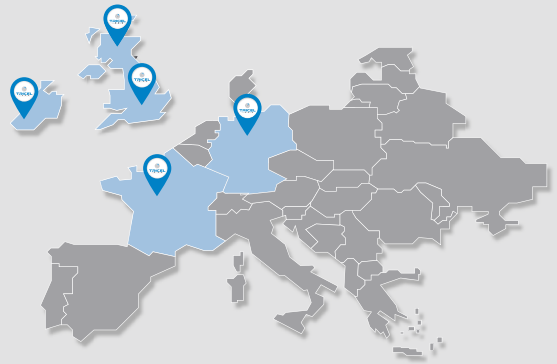
Tricel is an established and world recognised global provider of **high performance solutions** for the **Construction, Environmental, Water and Materials Industries** and is a brand built upon service, back up and reliability.

We occupy a unique position in the field of reinforced plastics, combining the technical expertise of **over 40 years in the press-moulding and composites industry**. Tricel is proud of being one of the largest manufacturers of Wastewater Treatment plants in Europe, and are regarded by regulators as the standard setters within the industry.

Tricel are **experts in Sheet Moulding Compound (SMC)** processes and produce the only wastewater treatment plant in Europe constructed from this material. This process gives the highest strength to thickness ratio of any tank on the market, and has no risk of corrosion over time.

Our company offers industry **leading innovative solutions** that our customers can trust, and with manufacturing locations in 5 countries we supply a comprehensive range of products to **over 50 countries worldwide**.

GLOBAL PRESENCE



The **Irish Water Treatment Association (IWTA)** is the national association for the treatment, conservation, recycling and reuse of water and wastewater.



The **Irish Onsite Wastewater Association (IOWA)** formed in 2007 with the goal of improving the standard of professionalism in the on-site treatment of wastewater in Ireland.

Designed in
accordance
with
EPA CoP



Sandcel sand polishing filter has been designed in accordance to the **Environmental Protection Agency (EPA) Code of Practice (CoP)**.

Environmental solutions



Novo
Domestic wastewater
treatment plants



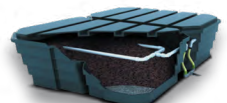
Vento
Septic tanks



Sandcel
Sand polishing filter



Pump stations



Puraflo
Secondary & Tertiary
treatment plants

Get a Quote

**Contact us Today to get a free quote on 00 353 (0)64 663 2421
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In accordance with Tricel's normal policy of product development these specifications are subject to change without notice.
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