

Convert old fuel oil tanks into modern rainwater storage tanks when replacing heating systems.



on material
and workmanship
of inner tank lining

Inner linings for rainwater AR-SM – your benefits

- + Ideal for all standard, cylindrical steel tanks with a capacity from 3,000 to 50,000 litres
- + Custom-fit plastic inner lining, accurately factory-tailored to the specifications of your tank protection specialist company
- + Extremely robust and durable PVC film
- + Strong neodymium magnets welded into the film ensure fast installation and reliable fixation
- + No subsequent costs due to additional equipment or power: The magnets enable operation of the inner lining without pressure or power

Application

The AFRISO inner lining for rainwater AR-SM with magnets allows owners to convert a decommissioned steel tank into a rainwater storage tank with very little effort. The inner lining for rainwater AR-SM is an extremely durable PVC lining with flat, round, extremely powerful neodymium magnets welded into lateral and top areas. The lining is reliably held at the inner wall by the magnets. Additional equipment such as vacuum type leak detectors, which are used in conventional solutions, are not required for the operation of this rainwater inner lining – which means there are no subsequent costs for power or maintenance.

Further
information:



The inner lining for rainwater AR-SM turns the old fuel oil tank into a modern rainwater storage tank

Sustainable re-use

If you are faced with the decision to replace your heating system, it is advisable to carefully scrutinise all options carefully and, in the interests of sustainability, also examine the potential re-use of existing system components. For example, when decommissioning a heating oil storage tank, owners already invest in an essential step for conversion to a rainwater storage tank with the mandatory tank cleaning. So why not take the next step straight away and benefit from free rainwater for watering the garden, flushing the toilet, doing the laundry or cleaning?

There are many good reasons for rainwater harvesting

- + Environmental consciousness and sustainability:** Preserve the precious resource of drinking water by using rainwater for garden irrigation
- + Good for the plants:** Rainwater is "soft" and free from minerals and, therefore, better suited for garden irrigation than drinking water
- + Reduction of waste:** Re-use of the old tank instead of decommissioning or removal

Precious and scarce resource

Drinking water is a limited resource, and clean drinking water is more and more difficult to provide in many regions. The price of drinking water has increased by approx. 350 % since 1988. And the price is expected to continue to rise exponentially. On the other hand, expensive drinking water is still wasted in many situations. According to the German Association of Energy and Water Industries (BDEW), the daily water consumption of a person in Germany in 2019 was 125 litres*. Depending on the system layout, up to 45 % and thus more than 55 litres of domestic drinking water consumption can be saved today using rainwater. The old fuel oil tank is the free basis for your customised rainwater harvesting system.

Technical specifications

Media	Rainwater
Film	Plastic film Sikaplan® WP5140-08 black, thickness 0.8 mm
Scope of delivery	Inner lining for rainwater AR-SM, for closed tanks, with all neodymium magnets welded into the film in the lateral and top areas, with manhole collar for the standard fastening ring

Continue to use instead of decommissioning!
Retrofit your old heating oil tank with AFRISO inner linings at low cost – your specialised company will be happy to advise you.



Example of a rainwater harvesting system for garden irrigation, consisting of a converted fuel oil tank with inner lining for rainwater AR-SM, downpipe filter, cartridge filter, manhole cover, calmed inlet and submersible pump.

Your dealer

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