

# Rainwater inner lining AR-SM

Fast conversion to rainwater storage tanks.



## Your benefits

- + Operation without vacuum type leak detector, no pressure, no power supply
- + Rainwater inner lining with powerful neodymium magnets welded into the lining
- + For cylindrical steel tanks
- + Perfectly fitting, robust PVC lining
- + Easy and fast installation

## Application

For converting DIN steel tanks such as decommissioned fuel oil tanks, diesel tanks or storage tanks into reliable, high-grade rainwater storage tanks. The rainwater inner lining AR-SM with magnets is suitable for storing

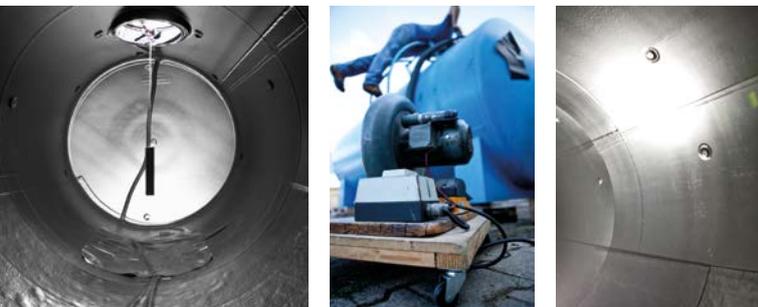
rainwater in cylindrical steel tanks (3,000 to 50,000 litres). Operation without vacuum type leak detector requires no power supply so there are no subsequent energy costs.

## Description

The new rainwater inner lining AR-SM with magnets allows owners to convert a decommissioned steel tank into a rainwater storage tank with very little effort.

The rainwater inner lining AR-SM is a PVC lining with flat, round, extremely powerful neodymium magnets welded into lateral and top areas. The PVC lining is reliably held at the inner wall by the magnets - no pressure or power supply are required inside the tank. A tank can be conveniently converted into a rainwater storage tank: First, the tank is measured and then a precisely fitting lining is manufactured. The tank is prepared on the basis of a defined procedure (thorough cleaning of the tank, corrosion checks, etc.); depending on the condition of the tank, a fleece layer is placed on the tank floor for impact protection.

Then the lining is fitted in the steel tank and inflated by means of a blower; if necessary, the final fit is achieved by means of a vacuum pump. When the PVC lining is inflated, the magnets click into place at the inner wall exactly where planned. The fit of the PVC lining is checked and then it is fastened in the manhole by means of a fastening ring. The tank is ready for storing rainwater immediately after the lining and the piping connections have been installed.



## Technical data

<b>Media</b>	Rainwater
<b>Film</b>	Plastic film Sikaplan® WP5140-08 black, thickness 0.8 mm
<b>Scope of delivery</b>	Rainwater inner lining 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.

DG: H	Part no.
<b>3,000 l</b>	43889.003
<b>5,000 l</b>	43889.005
<b>7,000 l</b>	43889.007
<b>10,000 l</b>	43889.010
<b>13,000 l</b>	43889.013
<b>15,000 l</b>	43889.015
<b>16,000 l</b>	43889.016
<b>20,000 l</b>	43889.020
<b>25,000 l</b>	43889.025
<b>30,000 l</b>	43889.030
<b>40,000 l</b>	43889.040
<b>50,000 l*</b>	43889.050
Accessories	
<b>Fastening ring Ø 500 mm</b>	43900A
<b>Fastening ring Ø 600 mm</b>	43900C
<b>Fleece LSV2 1 x 2 m plate</b>	43952
<b>Bottom plate 800 x 800 mm</b>	43894

\* Enquire for other sizes

Your dealer

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