

Rainwater inner lining AR-SM with magnets



- Operation without vacuum type leak detector, no pressure, no current
- Easy and fast installation by means of powerful neodymium magnets
- Perfectly fitting, robust PVC lining

Application For converting cylindrical steel DIN tanks such as decommissioned fuel oil tanks, diesel tanks or storage tanks into reliable, high-grade rainwater storage tanks. No pressure or flow required. The rainwater inner lining AR-SM with magnets is suitable for storing rainwater in cylindrical steel tanks (3,000 to 60,000 litres).

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. Please note: In the case of coated steel tanks, verify that the attractive force of the magnets is sufficient.

The rainwater inner lining AR-SM is a 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 - no pressure or flow 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 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 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 has been installed.

Rainwater inner lining AR-SM, made of plastic film Sikaplan® WP5140-08 black, film thickness 0.8 mm, for closed tanks, with all neodymium magnets welded into the film in the lateral and top areas, with film flange for the standard fastening ring.

Scope of delivery

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Not only cylindrical DIN steel tanks, but certain steel tanks with different geometrical shapes can be converted into rainwater storage tanks. Please enquire.

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Depending on the local conditions and on the tank, a fleece lining may be required in the bottom area of the tank as an impact protection. Different dome distances and special dimensions are manufactured at the same conditions.

	PG	Part no.	Price €
Extra charge for additional access chamber			
500 mm	1	08027	net
600 mm	1	08024	net
Accessories (DG: H)			
Fastening ring Ø 500 mm	3	43900A	
Fastening ring Ø 600 mm	3	43900C	
Fleece LSV2 1 x 2 m plate	1	43952	

DG: H, PG: 1	Part no.	Price €
3,000 l	43889.003	
5,000 l	43889.005	
7,000 l	43889.007	
10,000 l	43889.010	
13,000 l	43889.013	
15,000 l	43889.015	
16,000 l	43889.016	
20,000 l	43889.020	
25,000 l	43889.025	
30,000 l	43889.030	
40,000 l	43889.040	
50,000 l	43889.050	
60,000 l	43889.060	