

# RETRACTABLE MANHOLE COVER



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## 1. DATA AND DOCUMENTATION

Code	Description	Dimensions (mm)	Weight	Colour	Pkg. / Pallet
ZIN11-6830	Pop-up manhole cover	250 x 250 h. 47	4.01 kg/pc.	Steel	10 pcs. / 272 pcs.
ZIN11-6831	Pop-up manhole cover	350 x 350 h. 47	6.65 kg/pc.	Steel	10 pcs. / 171 pcs.
ZIN11-6832	Pop-up manhole cover	450 x 450 h. 47	9.81 kg/pc.	Steel	10 pcs. / 104 pcs.
ZIN11-6833	Pop-up manhole cover	550 x 550 h. 47	13.51 kg/pc.	Steel	10 pcs. / 76 pcs.
ZIN11-6839	Pop-up manhole cover	550 x 750 h. 47	- kg/pc.	Steel	10 pcs. / 72 pcs.
ZIN11-6834	Pop-up manhole cover	650 x 650 h. 47	17.73 kg/pc.	Steel	10 pcs. / 36 pcs.
ZIN11-6835	Pop-up manhole cover	750 x 750 h. 47	22.48 kg/pc.	Steel	10 pcs. / 27 pcs.
ZIN11-6836	Pop-up manhole cover	850 x 850 h. 47	27.75 kg/pc.	Steel	10 pcs. / 28 pcs.
ZIN11-6838	Pop-up manhole cover	950 x 950 h. 47	35.49 kg/pc.	Steel	10 pcs. / 19 pcs.
ZIN11-6837	Pop-up manhole cover	1,200 x 1,200 h. 47	52.81 kg/pc.	Steel	10 pcs. / 17 pcs.

**MATERIAL** Made of galvanised steel. Thickness 30/10

## 2. USE

Used to crown concrete sumps and/or tank manholes while remaining flush with the surrounding ground.

## 3. SPECIFICATION ITEMS

Entry	Description	U.M.	Price
<b>Dak.D.ZIN11.683x</b>	Supply and installation of retractable manhole cover. Complete with reinforcement profile. Available in h. 47 mm. Made of galvanised steel. Thickness 30/10. Used to crown concrete sumps and/or tank manholes while remaining flush with the surrounding ground.		
<b>Dak.D.ZIN11.6830</b>	Dimensions 250 x 250 h. 47 mm.....	pc.	-
<b>Dak.D.ZIN11.6831</b>	Dimensions 350 x 350 h. 47 mm.....	pc.	-
<b>Dak.D.ZIN11.6832</b>	Dimensions 450 x 450 h. 47 mm.....	pc.	-
<b>Dak.D.ZIN11.6833</b>	Dimensions 550 x 550 h. 47 mm.....	pc.	-
<b>Dak.D.ZIN11.6839</b>	Dimensions 550 x 750 h. 47 mm.....	pc.	-
<b>Dak.D.ZIN11.6834</b>	Dimensions 650 x 650 h. 47 mm.....	pc.	-
<b>Dak.D.ZIN11.6835</b>	Dimensions 750 x 750 h. 47 mm.....	pc.	-
<b>Dak.D.ZIN11.6836</b>	Dimensions 850 x 850 h. 47 mm.....	pc.	-

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Dak.D.ZIN11.6838	Dimensions 950 x 950 h. 47 mm	pc.	-
Dak.D.ZIN11.6837	Dimensions 1,200 x 1,200 h. 47 mm	pc.	-

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## 4. GALVANISED ARTICLES AND PROFILES: WARNINGS FOR USE AND LAYING

All carbon steel items and profiles in the DAKOTA catalogue undergo a galvanising treatment, i.e. a coating of zinc on the materials (called galvanising), aimed at protecting them from the oxidation process.

However, the life cycle of the product does not stop with production, but sees its use in different environments and uses, with its final placement in floors and artefacts exposed to various potential criticalities that can significantly damage the protective zinc coating, leading to the manifestation of rust phenomena. These are some of the most frequent critical conditions:

- The installation of DAKOTA galvanised steel products involves the use of concrete, adhesives, fillers, cement mortars, etc., depending on the applicator and end use.
- Once installed, DAKOTA galvanised steel products may come into contact with products of various chemical compositions used for cleaning surfaces and adjacent joints;
- The places where they are laid can present different levels and situations of high environmental corrosiveness;

Laboratory tests have led to the conclusion that both installation and cleaning products with a pH of less than 6 or greater than 11 can compromise the zinc coating and trigger the oxidation process of the steel, leading to deterioration and ultimately to the destruction of the article.

It is therefore essential that:

- Both the installer and the end user should thoroughly check in advance the manufacturer's technical specifications of the bonding and/or cleaning products to be used.
- The installer shall protect galvanised steel parts so that they do not come into contact with bonding and/or grouting and/or cleaning materials that could damage them
- The designer, installer, maintainer and also the end user should be aware of using stainless steel articles, as an alternative to galvanised steel articles, in places where environmental corrosivity is high.