

ETL 24"×36"×24" Handhole (Self Assembly type)

Instruction Manual



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1. Hanhole Introduction

24×36×24 inch assemble handhole is used to underground cable junction and connection, or for installation of telecommunication device. It's made of sheet molding compound (SMC) material with high material strength and climate-stability performance.

Features :

1.1 The handhole is a modular assembly. It is divided into 4 panels, the left and right side panels and the front and rear side panels, which are fixed by bolts. The upper cover is fixed with a special wrench for anti-theft bolts, so that it is not easy to be opened illegally by non-professional construction personnel and to protect safety. The four sides of the handhole can not only withstand within 26,500 pounds, but also can be closely combined with the rammed soil layer, which is not easy to shift and loose after rolling.

1.2 The handhole is assembled at site, save transportation cost.

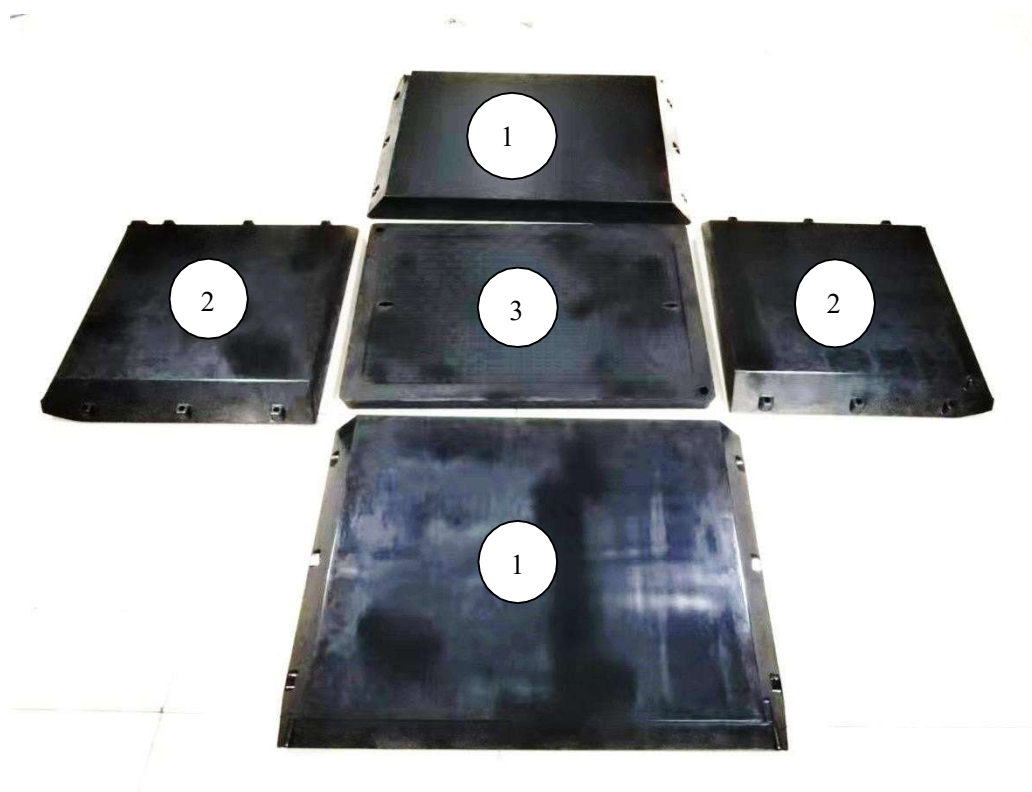
1.3 The 4 side panels can be drilled a diameter of $\Phi 10-50$ mm hole by the professional opener, convenient the connection of optical cable.



2. Handhole Structure

The assembled handhole mainly includes left and right side panels, front and rear side panels, a top cover plate, assembly bolts and other accessories.

2.1 Main components



No.	Component	Qty	Size (Inch)
1	left and right side panel	2 pcs	35.5×24×2.8
2	front and rear side panel	2 pcs	23.5×24×2.8
3	cover plate	1 pcs	33.3×21.3×1.6

2.2 Accessories



No.	Accessory name	Qty	Remark
1	M8 triangle wrench	1 pcs per pallet	Use for cover
2	3/8" Allen wrench	1 pcs per pallet	Use for side panels
3	Inner hexagon nuts	12	Used to assemble the side panels
4	Triangle anti-theft 304 stainless steel bolts	2	Used to assemble the cover
5	Inspection certificate	1	/
6	Inner hexagon bolts	12	Used to assemble the side panels
7	Zip bag	1	/

3. Installation Instruction

SAFETY PRECAUTIONS



— WARNING —



Risk of itchy hands! Note: Wear nylon gloves before assemble the handhole. The handhole contains fiber glass. If you touch the components without gloves, it may cause itching.

If your hands itch, please stay calm. Your hands will return to normal after a while.



Nylon gloves example

3.1 Check before assembly

Before assembling a handhole, checking the following items:

- 1、 Please confirm whether the main parts of the handhole are complete and whether the parts are short of materials.
- 2、 Self-check if the number of components is correct.
- 3、 Operators must be trained to install handhole.
- 4、 Pay attention to the process of taking components. Do not scratch the surface of the product.
- 5、 Check whether the assembly is qualified, there is no wrong assembly, leakage assembly.

3.2 Handhole Assembly



3.2.1 Erect the 4 side panels



3.2.2 Take out inner hexagon nuts and bolts from accessory zip bag



3.2.3 Place the inner hexagon nut into the fixing slot



3.2.4 Place the inner hexagon bolt into the nut



3.2.5 Use 3/8" Allen wrench to secure the bolt



3.2.6 Secure 12 pcs bolts on the panels



3.2.7 Put the top cover on



3.2.8 Take the triangle anti-theft bolt and put it into the screw hole



3.2.9 Use M8 triangle wrench to secure 2 pcs anti-theft bolts



3.2.10 Handhole assembly is finished