

EARTHBOND

GB Instructions for use



EIPRESS[®]



Drilling



Insertion



Connection

Earthbond installation is a continuous process. For safety and reliability of the installation, the operation must be carried out without any interruptions. (Drilling/Insertion/Connection)
The operator is responsible for all tools being calibrated.
For the best results, drilling should take place at a low speed (400-600 rpm).

Check the following prior to installation:

- Correct Earthbond for the structure, in relation to the rawmaterial and thickness (see table on page 3)
- Correct drill diameter for hole making (see pack)
- Torque wrench with appropriate torque range for tightening (see pack)
- Correct assembly tool (see pack)

For crimping the terminal, see separate working instructions!

Installation



1

Drill a hole at a low speed into the structure with the diameter set for the Earthbond (see pack).



2

Press the trigger to completely release the hydraulic pressure and retract the plunger.



3

Screw the Earthbond onto the muzzle of the hydraulic assembly tool.

NOTE: THE EARTHBOUND SHOULD BOTTOM OUT IN THE TOOL.



4

Insert the Earthbond into the hole and ensure that the flange has a tight fit to the structure.

NOTE: CHECK THAT THE TOOL IS PERPENDICULAR TO THE STRUCTURE.



5

Using the tool handle, pump until you hear a click (calibrated pressure force)

NOTE: THE FLANGE SHOULD ALWAYS FIT TIGHTLY TO THE STRUCTURE DURING INSTALLATION.



6

After the click, press the pressure release to relieve the hydraulic pressure.



7

Turn the dial on the back of the tool to disengage the tool from the Earthbond.



8

Attach the terminal to the Earthbond

1. Terminal
2. Plane washer
3. Nut



9

Tighten the nut using the torque wrench

Raw material	Thickness	Earthbond
Steel & Stainless Steel	1.5 – 4 mm	EBD1.5ST-M8
	> 4 mm	EBD4ST-M8
Aluminum	1.5 – 4 mm	EBD1.5ALU-M8
	> 4 mm	EBD4ALU-M8

