



# EcoBraz 38502FCW

Self-fluxing joining of aluminium

## Description

Flux-cored wire filled with non-corrosive brazing flux used for joining aluminium parts at low temperature. Can be used under certain conditions for joining aluminium with stainless steel, galvanized steel, copper or brass.

## Application examples

- Brazing of most aluminium grades (brazable).
- Joining of aluminium with galvanized steel.
- Connection of aluminium pipes.
- Repair of parts in the refrigeration and air conditioning industries as well as DIY.

## Chemical composition (%)

Al	Zn
1.5-2.5	Bal.

Non-corrosive brazing flux.

## Standard mechanical and physical characteristics

Solidus	382°C
Liquidus	407°C
Flux	410°C
Alloy density	6,9

## Procedure for use

### Preparation

- Clean-up the joint surfaces, round off sharp edges and place the parts in their definitive position.

### Brazing

- Adjust the torch to obtain a flame with a slight excess of acetylene, or use an air-gas torch.
- Heat the part and then place the rod in contact with it until it melts.
- Melt a drop and spread it along the joint with a continuous movement of the flame. The alloy filler metal spreads to the hottest areas of the surfaces to be joined.
- Do not overheat.

### Cleaning

- There is no need to clean the parts after brazing.

## Form of delivery

- Packaging: plastic coil S300

Diameter: 1.2mm ; 1.6mm and 2.0mm

Weight: 5 to 9kg