

Treatment of construction site water Carrogaz®

Since 1997, the SIA 431 standard requires the treatment of construction site wastewater. This includes concrete mixer wash water which, after primary settling, must be treated before it is discharged into wastewater or clean water plastic pipes.

To meet these guidelines Canplast developed **Carrogaz®**. This treatment device regulates, via CO₂ gas emission, the pH of the water to be treated.

Carrogaz® meets the requirements of ASPEE in the case of discharge into wastewater or clean water.



Description

Carrogaz® has a treatment capacity of approx. **1500 liters**

It is equipped with a complete CO₂ kit including a fixing for a 40 kg gas bottle, a regulator, a 6mm hose, an outlet with a manual valve for the treated water and a lower outlet for the elimination of possible residues.

It is made entirely of high density polyethylene which, despite its light weight, provides excellent resistance to corrosion and impact.

Its simple operation requires a minimum of manpower.

Dimensions: Ø1500 mm • Height 1200 mm
Approximate weight: 190 kg

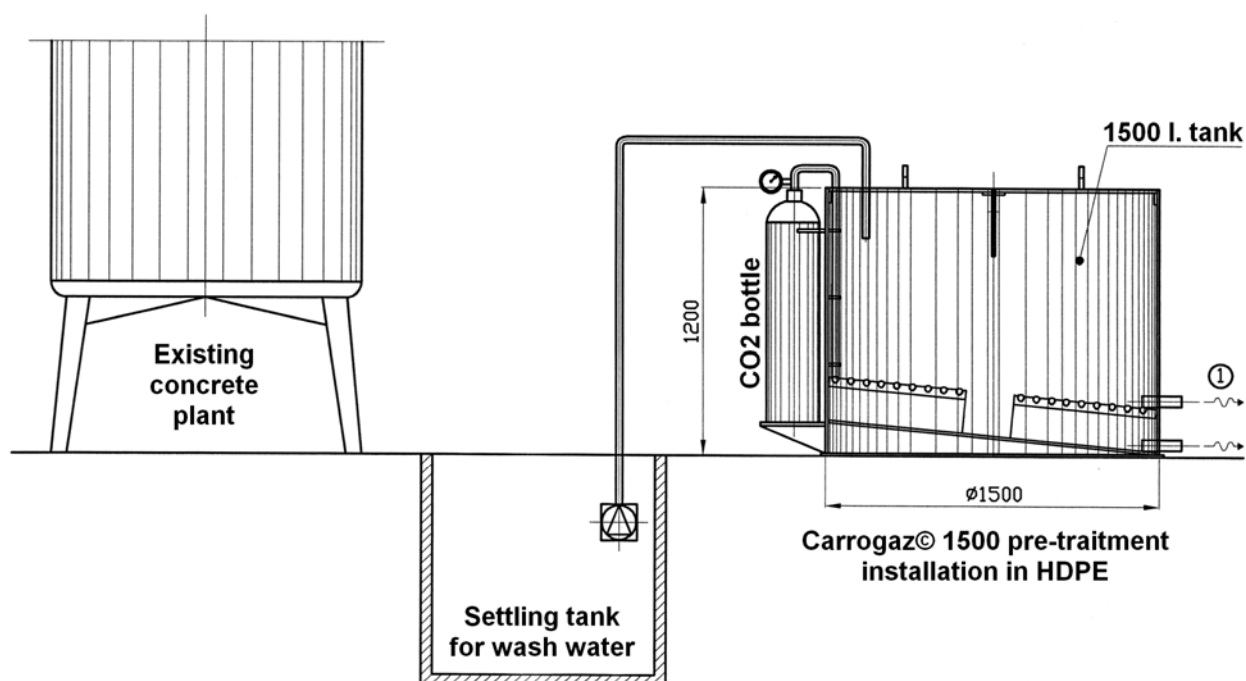
Treatment duration : approx. 30 -40 min. per 1'500 liter cycle.



Procedure for treatment

1. Fill the Carrogaz[®] with water to be treated to the indicated level. (About 1,500 litres/cycle)
2. Open the regulator of the gas bottle at 1.5 bar and let the CO² act for approx. 30-40 minutes.
3. Once the desired pH has been reached (control with pH paper), open drain valve n°1 located at the bottom of the tank, allowing the water to flow by gravity infiltration or directly into the existing network.

Principle of operation



Carrogaz[®] sale price : CHF 5,640. - (VAT and gas bottle not included)

Our price includes :

- ◆ Free on-site delivery
- ◆ Testing and commissioning of Carrogaz[®]
- ◆ Instruction and training of the staff responsible for the use of Carrogaz[®]

CO² gas bottle order :

Carbagas Lausanne (Tel : (+41) 021 621 11 36) : "Technical CO²" 40 litre bottle