



Fire hydrant from  
Fucoli-Somepal are  
available in three  
versions:

- SOMEPAL
- CLASSIC
- IGNIS



**Fucoli Somepal**  
FUNDIÇÃO DE FERRO, S.A.

SEIT  
SINCE 1946



**Fire  
hydrants**

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**CORROSION  
PROTECTION**

All products has an internal and external excellent corrosion protection. The coating quality is controlled according to the requirements of DIN 30677 and GSK (RAL-GZ662).

Fucoli-Somepal has three coating systems - robotic, automatic and semi-automatic - which is electrostatically applied epoxy coating with a minimum thickness of 250µm.

**CONTROL OF THE ENTIRE  
PRODUCTION PROCESS**

The two Fucoli-Somepal factories are located in Portugal, where is controlled the entire production process ensuring a constant quality of its products. The selection of raw materials sources is rigorous and careful. All raw materials before received are analyzed in our laboratory.

Using a modern automatic pouring system, all products are manufactured in ductile cast iron EN-GJS-500-7 (GGG50).

The mechanization of the products is carried out using the latest CNC Machining technologies.



[www.fucoli-somepal.pt](http://www.fucoli-somepal.pt)

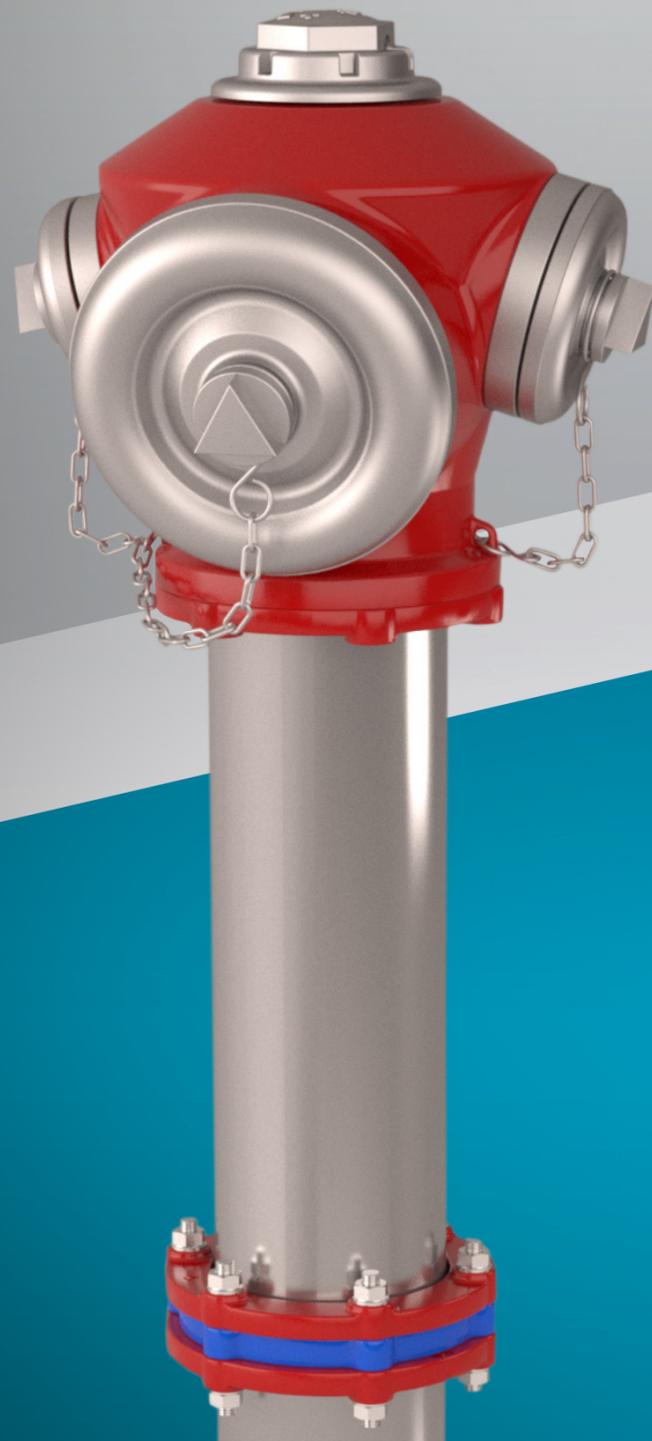
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## FIRE HYDRANTS

Fucoli-Somepal offers three different patterns of pillar fire hydrants, designed to be easily and quick operated, low torque and with high flow. All models have product certified mark and also CE mark in accordance with EN 14384 standard.



### SERIES SOMEPAL

Is a pillar fire hydrant with 3 outlets for fire department hose engage, the outlets are protected by a bonnet. All fire hydrant body is produced in ductile cast iron EN-GJS-500-7 (GGG50), with internal and external epoxy coating (minimum 250µm). The above ground part has additionally a UV-resistant enamel polyurethane external coating. The sealing system has a ductile cast iron core fully EPDM rubber encapsulated.



### SERIES CLASSIC

Is a pillar fire hydrant with 3 outlets for fire department hose engage. All fire hydrant body is produced in ductile cast iron EN-GJS-500-7 (GGG50), with internal and external epoxy coating (minimum 250µm). The above ground part has additionally a UV-resistant enamel polyurethane external coating. The sealing system has a ductile cast iron core fully EPDM rubber encapsulated.



### SERIES IGNIS

Is a pillar fire hydrant with 3 outlets for fire department hose engage. This model have a head in ductile cast iron EN-GJS-500-7 (GGG50), with internal and external epoxy coating (minimum 250µm) and a pillar pipe in stainless steel in stainless steel AISI304. The sealing system has a ductile cast iron core fully EPDM rubber encapsulated.



### MAIN CHARACTERISTICS

All models are non-freezing (dry column pillar fire hydrants), due to that can be used in frost areas, where the water main is located below the ground frost zone.

The column will drain the water through the drain hole in the base when the hydrant is closed after service.



Designed with breakable flange which prevent leaking and enable easy repair at traffic knock down.

Traffic type, was designed for a quick and economic replacement, avoiding leakage in case of impact assuring the sealing and no runoff water. The hydrant can be repaired online, using just the replacement kit.

The nozzle section can be 360° rotated.



Fucoli-Somepal fire hydrants are prepared, not only to supply water for fire-fighting, but also to supply drinking water for human consumption, once all components are potable certified.

Fire hydrants can be customized with different exterior colors, various types of water connectors (storz, Guillemin, waste water, etc) distance of the seal section to the ground, among others.

### PRESSURE TESTS AT 100%

All Hydrants are individually hydrostatically tested in the factory at 25 bars pressure, according to EN 14384 e EN 1074-6.

### CERTIFICATIONS AND CE MARK

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fire hydrants