



**DECLARATION of PERFORMANCE**

**Nº DD05/02-2023**

1. 1. Product-type unique identification code Note: Are an integral part of this declaration Annex 1 and Annex 2, which contain the product identification codes.	<ul style="list-style-type: none"> <li>- FIRE HYDRANT IGNIS (RD670)</li> <li>- FIRE HYDRANT IGNIS (RD1000)</li> <li>- FIRE HYDRANT IGNIS (RD1250)</li> <li>- FIRE HYDRANT IGNIS (RD1500)</li> </ul>	
2. Reference of product-type	(brand, DN, lot number) Marked on the Fire Hydrant	
3. Anticipated use	- Used for water supply on fire fighting and supply of drinking water.	
4. Manufacturer	Fucoli-Somepal – Fundação de Ferro SA, Coselhas 3000-125 Coimbra (Head office) Rua de Aveiro 50, 3050-420 na Pampilhosa (Branch office)	
5. System for performance assessment	System 1	
6. Reference of Harmonized Standard	CERTIF – Association for certification, registered organism nº 1328, has carried out certification for CE branding, within the scope of system 1, for determination of type-product based on type testing (including sampling), in the initial inspection of the factory unit and control of production at the factory, appreciation and continuous approval of production control in factory and issued Certificate of regularity of performance nº. 1328-CPD-0490.	
7. Claimed performance: Essential characteristics	Performance	Reference of report
- Construction	In conformity	EN 14384:2005
- Pressures	PN 16	
- Direction of closure	Clockwise	
- Number of turns of closure	10 – no. of dead turns <1, no. of effective turns 10	
- Resistance of fire hydrant to manoeuvre operations	In conformity	
- Resistance to disinfection products <sup>a</sup>	In conformity	
- Fire hydrants for drinking water systems <sup>a</sup>	In conformity	
- Hydraulic characteristics Minimum flow coefficient	STORZ 52(DN 50) – 64 Kv STORZ 75 (DN65) – 116 Kv STORZ 110 (DN100) – 160 Kv	
- Dimension of coupling	STORZ 52(DN 50) STORZ 75 (DN65) STORZ 110 (DN100)	
- Durability of corrosion protection	Epoxy coating with thickness $\geq 250 \mu\text{m}$ . The upper body is coated with a second coat of polyurethane enamel, in red, resistant to UV.	
- Durability of operating reliability; Resistance	In conformity	

8. The performance of the product identified in points 1 and 2 is in accordance with performance claimed in point 7.  
The current performance statement is issued under the exclusive responsibility of the manufacturer identified in point 4.

Coimbra, February 23<sup>th</sup> 2023

  
**Fucoli - Somepal**  
 Fundação de Ferro, S.A.  
 A Administração  
 Isabel Mendes  
 General Manager



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



### ANEXX 1 – FIRE HYDRANT IGNIS (07.700)

THIS ANNEX IS AN INTEGRAL PART OF THE DECLARATION of PERFORMANCE No. DD05/02-2023

#### UNIQUE IDENTITY

#### CODE PRODUCT DESCRIPTION

11220010	FIRE HYDRANT SERIES IGNIS INOX STORZ 110-75-52 ANTI-THEFT
11220010AM	FIRE HYDRANT SERIES IGNIS INOX STORZ 110-75-52 ANTI-THEFT
11220010100	FIRE HYDRANT SERIES IGNIS INOX 110-75-52 + FLANGED DUCKFOOT BEND 90° DN100 PN10/16
11220010INV	FIRE HYDRANT SERIES IGNIS INOX INVOLABLE STORZ 110-75-52
11220010INVV	FIRE HYDRANT SERIES IGNIS INOX INVOLABLE STORZ 110-75-52 GREEN
11220015	FIRE HYDRANT SERIES IGNIS INOX STORZ 110-75-52 ANTI-THEFT RD 1000
11220020	FIRE HYDRANT SERIES IGNIS INOX STORZ 110-75-52 ANTI-THEFT RD 1250
11220025	FIRE HYDRANT SERIES IGNIS INOX STORZ 110-75-52 ANTI-THEFT RD 1500
11220010RF	FIRE HYDRANT SERIES IGNIS INOX STORZ 110-75-52 ANTI-THEFT FUCHSIA ROSE RAL 4010
11220040	FIRE HYDRANT SERIES IGNIS INOX STORZ 75-52-52 ANTI-THEFT
11220045	FIRE HYDRANT SERIES IGNIS INOX STORZ 75-52-52 ANTI-THEFT RD 1000
11220050	FIRE HYDRANT SERIES IGNIS INOX STORZ 75-52-52 ANTI-THEFT RD 1250
11220055	FIRE HYDRANT SERIES IGNIS INOX STORZ 75-52-52 ANTI-THEFT RD 1500
11220035	FIRE HYDRANT SERIES IGNIS INOX STORZ 75-52-52 ANTI-THEFT RD 450
11220040RF	FIRE HYDRANT SERIES IGNIS INOX STORZ 75-52-52 ANTI-THEFT FUCHSIA ROSE RAL 4010
11220011	FIRE HYDRANT SERIES IGNIS INOX AISI 316 STORZ 110-75-52 ANTI-THEFT
11220016	FIRE HYDRANT SERIES IGNIS INOX AISI 316 STORZ 110-75-52 ANTI-THEFT RD 1000
11220041	FIRE HYDRANT SERIES IGNIS INOX AISI 316 STORZ 75-52-52 ANTI-THEFT
11220046	FIRE HYDRANT SERIES IGNIS INOX AISI 316 STORZ 75-52-52 ANTI-THEFT RD 1000