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|---|--|
| 1.Product identification code: | 1G |
| 2.Type reference | 1G-2013 |
| 3.Intended use | Delineator posts complete with fixed retroreflector for information, guidance, warning and direction of road users |
| 4.Brand name: | Delineator post with rectangular retroreflector in red, amber, orange and yellow |
| 5.Manufacturer's name and address: | Ganelli Srl Via Cavour, 81 46043 Castiglione delle Stiviere (MN) Italy |
| 6.Evaluation system: | 1 |
| 7.Notified body: | RINA Services Spa notified body notification CPR 0474 issued the certificate of constancy of performance no. 0474-CPR-2008 on the following facts: a) Definition of the product-type based on type tests b) Initial inspection of the manufacturing plant and factory production control c) Ongoing monitoring, evaluation and approval of the factory production control |
| 8.European technical evaluation | NA |

9. Declared performances

| Technical characteristics of the delineator EN 12899-3:2007 | |
|---|-----------------|
| Type | D2 |
| Material | Polyethylene |
| Wind resistance | WL2 |
| Dynamic impact resistance (material requirement) | Pass |
| Dynamic impact resistance (functional requirement) | Pass |
| Dynamic impact resistance (crash requirement) | N.A. |
| Chromaticity coordinate and luminance factor | White and black |
| Natural ageing resistance (2 years) | Pass |
| Corrosion resistance | N.A |
| Dangerous substances | NPD |

| 4B - Technical characteristics of the retroreflector EN 12899-3:2007 | | | | |
|--|------------------|------------------|------------------|------------------|
| Format of the retroreflector device | Rectangular | Rectangular | Rectangular | Rectangular |
| Material | Methacrylate/ABS | Methacrylate/ABS | Methacrylate/ABS | Methacrylate/ABS |
| Technology | Microprismatic | Microprismatic | Microprismatic | Microprismatic |
| Type of retroreflector device | R2 | R2 | R2 | R2 |
| Dynamic impact resistance | DH2 | DH2 | DH2 | DH2 |
| Corrosion resistance | N. A. | N. A. | N. A. | N. A. |
| Durability (2 years of natural ageing) | Pass | Pass | Pass | Pass |
| Daytime chromaticity and luminance factor | Red | Amber | Orange | White |
| Night-time chromaticity | Red | Amber | Orange | White |
| Vertical mounting | Class 2 | Class 2 | Class 2 | Class 1 |
| Water resistance | Pass | Pass | Pass | Pass |
| Dangerous substances | NPD | NPD | NPD | NPD |



| 2DG - Technical characteristics of the retroreflector EN 12899-3:2007 | | | | |
|---|-------------------|------------------|------------------|------------------|
| Format of the retroreflector device | Rectangular | Rectangular | Rectangular | Rectangular |
| Material | Methacrylate/ABS | Methacrylate/ABS | Methacrylate/ABS | Methacrylate/ABS |
| Technology | Microprismatic | Microprismatic | Microprismatic | Microprismatic |
| Type of retroreflector device | R2 | R2 | R2 | R2 |
| Dynamic impact resistance | DH1 | DH1 | DH1 | DH1 |
| Corrosion resistance | N. A. | N. A. | N. A. | N. A. |
| Durability (2 years of natural ageing) | Pass | Pass | Pass | Pass |
| Daytime chromaticity and luminance factor | Red | Amber | Orange | White |
| Night-time chromaticity | Red | Amber | Orange | White |
| Retroreflection coefficient R_A | | | | |
| | Vertical mounting | Class 2 | Class 1 | Class 2 |
| Water resistance | Pass | Pass | Pass | Pass |
| Dangerous substances | NPD | NPD | NPD | NPD |

10. The performance of the product referred to in points 1 and 2 complies with the declared performance under point 9. This performance certificate is issued under the sole responsibility of the manufacturer referred to in point 4.

Signed on behalf of Ganelli Srl:

Place and date: Castiglione delle Stiviere, 9 Settembre 2019

The Sole Director
Ganelli Enrico

