# Arona | Litter Bin

Technical data

Product code **CST_ARONA**

The Arona litter bin was designed as urban furniture for the lakeside park in Arona, a well-known tourist resort on Lago Maggiore in Italy. Its elegant and simple line emphasises all contexts and without being intrusive blends into parks, gardens, squares and bicycle and pedestrian paths.

14,5"
370mm

20,7"
527mm

39,3"
1000mm
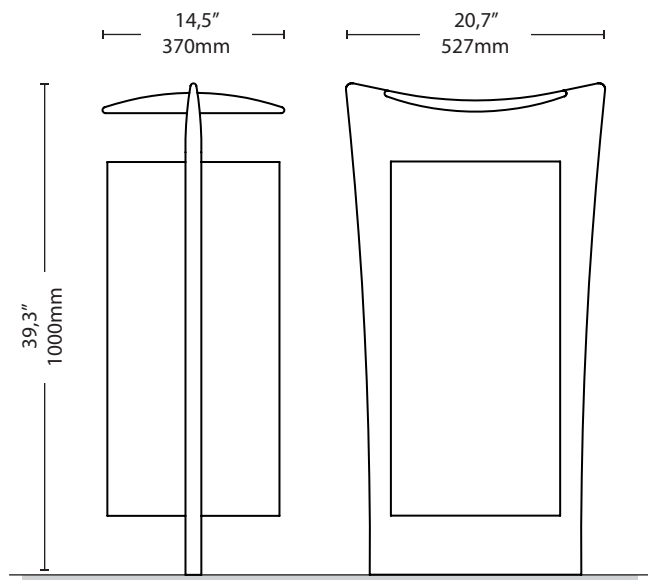
GENERAL FEATURES

Colour: GMR Dark

MATERIALS
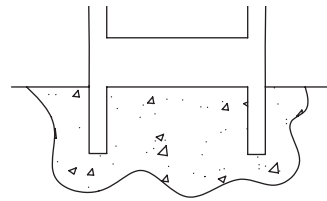
Structure: Cast Iron | UNI EN1561
Basket: Galvanized Steel
Auxiliary elements: Galvanized Steel
Screws and bolts: AISI 304 stainless steel

ANCHORAGE TYPE

T **Foundation**

Protection cycles

GMR ENLIGHTS works with cast iron, steel and aluminum. The materials are selected and processed to maximize performance and quality.

GALVANIZED STEEL

Protection of galvanized steel surfaces for poles

The protection of galvanized steel elements is achieved by following steps:

• Micro sandblasting;
• First epoxy layer application followed by:
Wilting > Drying > Cooling;
• Acrylic glaze layer application followed by:
Wilting > Drying > Cooling;
• Packing at least after 24-hour-drying at room temperature.

Protection of galvanized steel surfaces for brackets and pastorals

The protection of the galvanized steel elements is achieved thanks to:

• Micro sandblasting;
• Phosphoric pickling bath at a ph level ranging from 1.5 to 3;
• Rinsing with demineralised water;
• First powder layer application;
• Kiln firing;
• Application of a final powder layer;
• Kiln roasting of the final powder layer at 180°C (356°F);
• Cooling.

CAST IRON

Protection of cast iron surfaces for bases

The protection of cast iron elements is achieved by the following treatments:

• Surface micro shotblasting;
• Mono-component dip galvanizing followed by:
Wilting > Drying > Cooling;
• Epoxy micaceous primer application followed by:
Wilting > Drying > Cooling;
• Acrylic enamel application followed by:
Wilting > Drying > Cooling;
• Packing at least after 24-hour-drying at room temperature.

DIE-CAST ALUMINIUM

Protection of die-cast aluminium surfaces for lighting fixtures, tops, collars, brackets and pastorals

Lighting fixtures, brackets, pastoral, and die-cast accessories undergo a cycle of powder painting which creates a barrier against the corrosion of metal parts. Moreover this barrier makes the finished product comply with design specifications in terms of surface roughness, color and reflectance.
The cycle consists of the following steps:

• Micro sandblasting;
• Hot pickling bath in a zinc-based phosphodegreasing solution;
• Specific process for the preparation of surfaces before painting;
• Washing with water;
• Rinsing with demineralised water and subsequent drying;
• First bowder layer application followed by kiln baking at 180°C (356°F);
• Final powder layer application using a High Durability product and final kiln roasting at 180°C (356°F).

Salt spray test
The top quality of such treatments is confirmed by salt spray tests performed in accordance with standard ISO 9227:2017 Neutral Salt Spray test (NSS).
The test was carried out for 8.000 hours at 35°C (95°F) and demostrated through the report test released.

GMR ENLIGHTS s.r.l

Legal headquarters:
Strada Provinciale Specchia - Alessano, 68 • 73040 (LE)

Administrative and operational headquarters:
Via Grande n°226 • 47032 Bertinoro (FC)

T +39 0543 462611
F +39 0543 449111

sales@gmrenlights.com
www.gmrenlights.com