



JAN-0072/-0073/-0098/-0099

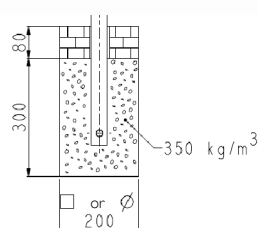
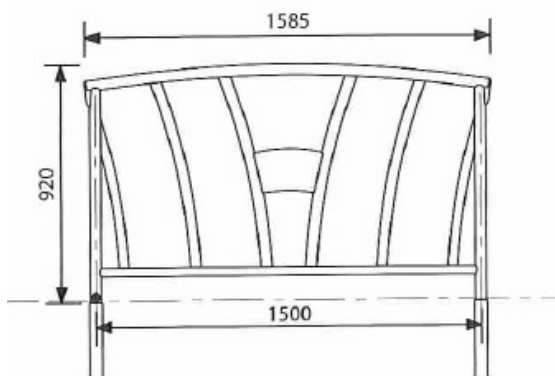
SYMBIOS range:

The SYMBIOS range is the ideal range for making the link between the public place and the private space, preferring conviviality to formality and joyful dispersion to strict alignment.

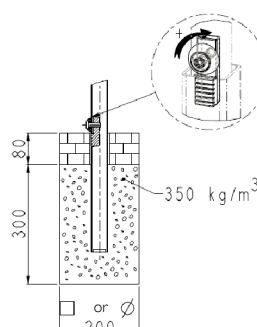
+ Ideas: The "Symbios" range furniture warmly combines a steel structure with wood. Two versions of wood are available: tropical hardwood treated with a water-based surface coating or recycled materials. The steel structure is produced by 3D laser technology.

+ Design: With an exemplary sobriety, furniture from the "Symbios" range can be arranged in a traditional way. This range highlights the quality of its shapes, materials and finishes.

+ Quality: The finish consists of a double surface treatment which guarantees extremely easy and cost-effective maintenance, and maximum durability.



Direct concreting



Universal system

Reference	Description	Delivery	Materials	Foundation
JAN-0072-EQ	Barrier Symbios 1500	Pre-assembled	Steel	Direct concreting
JAN-0073-EQ	Barrier Symbios 1500	Pre-assembled	Steel	Universal system
JAN-0098-EQ	Barrier Symbios 800	Pre-assembled	Steel	Direct concreting
JAN-0099-EQ	Barrier Symbios 800	Pre-assembled	Steel	Universal system
Identification:				
Catalogue		Street furniture		
Range		Symbios		
Pages		63		
Dimensional characteristics:				
Equipment dimensions (Centre piece x L x H)		1500 x 1585 x 920 or 800 x 1585 x 920 mm		
Material:				
Structure		Galvanised, painted steel		
Caps		Powder coated cast aluminium		
Pattern		HPL thickness 15 mm		
Standard:				
NF EN 335-1		NOT APPLICABLE		
NF P 99-610		Yes		
Installation:				
Delivery		Kit or pre-assembled (depending on version)		
Fixing type		Direct concreting or universal sealing		
Colour:				
Standard colour *		Azko Futura sanded anthracite grey (N200)		

* more than 200 shades available on request



Street furniture



+ STEEL

Extremely resistant double coating

All our steel sections feature double-surface coating:

- Treatment 1: hot-dip galvanisation after manufacture (on the inside and outside of the tubes)
- Treatment 2: powder coating (oven-cured powder paint)

This double treatment guarantees optimum protection from corrosion.



+ IRON OR ALUMINIUM CASTING

Efficient method

After being removed from the mould, the cast iron or aluminium parts are stripped, sand-blasted and then coated in oven-cured polyester powder at a temperature of 250°C to form a uniform, protective coat of approximately 100 microns.



+ ASSEMBLY

Stainless steel bolts and screws

For the metal assemblies, we systematically use our special vandal-resistant bolts which cannot be unscrewed without a special HUSSON tool.

For the wooden/metal assemblies, we have also developed a special vandal-resistant stainless steel screw.



+ GUARANTEE

Long-term guarantee

Thanks to the quality of the materials used and to our double surface treatment, our furniture is designed to withstand the harshest climates and vandalism, thus guaranteeing the sustainability of investments.



+ WOOD AND POLYMERS

Many possibilities to meet every requirement

- **Tropical hardwood** ("ironwood"): We have chosen an extremely tough tropical hardwood ("ironwood") for its exceptional resistance and attractive appearance. As part of its sustainable development approach, HUSSON International is committed to using wood harvested from forests which are managed in an environmentally responsible manner.
- **Softwood**: Cheaper than hardwood, the softwood selected by HUSSON International has a very attractive appearance and is the number one choice.
- **Recycled materials**: As part of its sustainable development approach, HUSSON International uses recycled materials for its bench slats and litter bins. The selected materials are extremely stain- and scratch-resistant and reduce maintenance to a bare minimum ==> See "WoodTech" technical specification sheet.
- **HPL** (High Pressure Laminate): Extremely tough and wear-resistant, flame-retardant, volume-dyed, easy maintenance, high pressure laminate. Available with a wooden texture for a beautiful effect.
- **Rotation moulded polymers**: The planter and litter bin tubs and some of the street furniture items are made of polymers, generally HDPE (High Density Polyethylene) or PP (Polypropylene). Rotation moulding technology is used to create mechanically-resistant, volume dyed products with complex shapes.



+ WOOD SURFACE TREATMENT

Environmentally-friendly treatment

(For softwood and hardwood)

To improve the long-term durability of the surface coating, and to facilitate their maintenance, we use a vacuum and pressure surface-coating treatment which enables excellent penetration into the wood.

Results:

- Clearly improved durability
- Extremely easy maintenance
- Environmentally-friendly, solvent-free treatment which is safe for users