



the unrivalled s16.2

by **omos**



## Aesthetic and Function

From small rural town to the largest of cities, our many years' experience selling litter bins reveals a common fact about our customer; There are those who care more about aesthetics and there are those who care more about function. Of course the same could be said about most things we buy but when it comes to street furniture it's hard to think of a product which presents more of a challenge to satisfy both sides.

Experienced buyers know of the effects of heavy handed daily emptying, the corrosiveness of the contents and indeed that of the outdoor environment. They know also of the short product life span resulting from such influences.

On the other hand there is an ever increasing appreciation of the importance of aesthetics and of how our public space is shared by so many - and therefore deserves to be treated no differently to a living space in terms of its design and build quality.

Before you buy or specify a litter bin, compare the s16.2 to all the others. We challenge you find a product that offers so much in terms of **Design, Durability** and **Functionality**.

*To the right and front cover, s16.2ss, 316 grade stainless steel with fine brushed finish and Dublin Docklands logo glass bead blasted.*

## s16.2 litter bin

### **description**

3 and 4mm s355 steel body and hood with RHS chassis, hot dipped galvanized throughout. Discreet integrated ashtray. All with powder coated finish. Level adjustment base for plumb installation on sloped surfaces. Front opening with concealed stainless steel hinge and slam latch.

### **dimensions**

Height 1202mm, width 550mm, depth 386mm.  
Capacity 120L.  
Weight 85Kg.

### **options/product ID**

Plastic liner - ID 00551  
Galvanized liner - ID 01839  
Choice of decal



## s16.2ss litter bin

### **description**

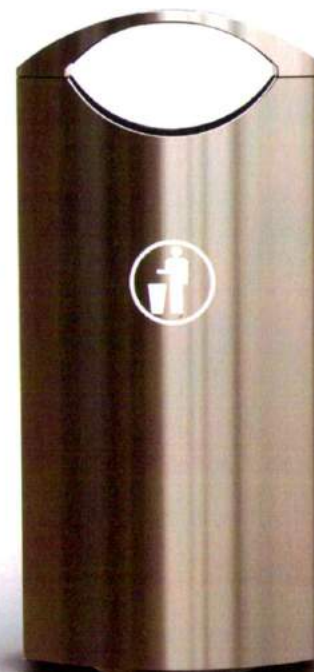
3 and 4mm 316 grade stainless steel body with RHS chassis. Discreet integrated ashtray. All external surfaces with fine brushed polish finish. Level adjustment base for plumb installation on sloped surfaces. Front opening with concealed stainless steel hinge and slam latch.

### **dimensions**

Height 1202mm, width 550mm, depth 386mm.  
Capacity 120L.  
Weight 85Kg.

### **options/product ID**

Plastic liner - ID 04072  
Galvanized liner - ID 05988  
Choice of decal







## Technology and Craftsmanship

Making an s16.2 litter bin involves a variety of techniques from high tech machine production through to traditional hand crafting.

And while at Omos we tend to talk more of the product's design and the benefits it brings to the user, hand craftsmanship plays a major role in every one of the products we make.

It's worth mentioning a few facts about what goes into making the s16.2. First of all the product is designed and made from start to finish here in Ireland. The s355 steel used in the bin's construction is first precision laser cut then formed using CNC technology before the hand crafting begins. Unlike many of the everyday metal products we are familiar with which are drawn and pressed into their forms, the sheer thickness and strength of the steel we use requires us to create the 3 dimensional surfaces by seam welding multiple formed parts together.

Years of experience have taught us techniques in achieving precision and consistency across each step of the production process. In an age where man is increasingly being replaced by machine Omos marry the best of both to the benefit of the product.

*Left, s16.2 body panel being finished after galvanizing.*





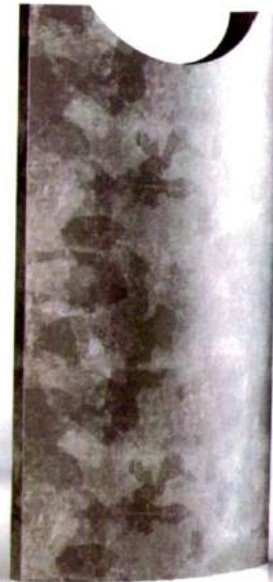
*Above, the s16.2 finished in RAL 7016 Anthracite grey, fine texture. Standard 'litterman' decal in silver.*

## Strength and Durability

Below shows the steps involved in making an s16.2 door panel, the same procedure used to make each of the bin's components. The key to the bin's strength is three fold; a. the thickness of the steel used (3mm and 4mm for the main construction with 10mm in the base), b. the high strength steel used (s355) and c. the way it is formed and stiffened. Durability comes from this strength along with the corrosion protection afforded by the hot dipped galvanizing post fabrication followed by powder coating.



**Step 1** After the s355 has been cut and formed, the components are welded together with the help of jigs to ensure precision. Any exposed welds are ground flat so achieving a 'one piece' aesthetic.



**Step 2** The fabricated part is then dipped in a bath of molten zinc and is coated in accordance with I.S. EN ISO 1461: 2009 to a mean coating thickness of 70µm (twice that of standard galvanized sheet steel).



**Step 3** Following a thorough finishing the components are individually powder coated with a hard wearing polyester coating. Finally the decal is applied and the bin is assembled.

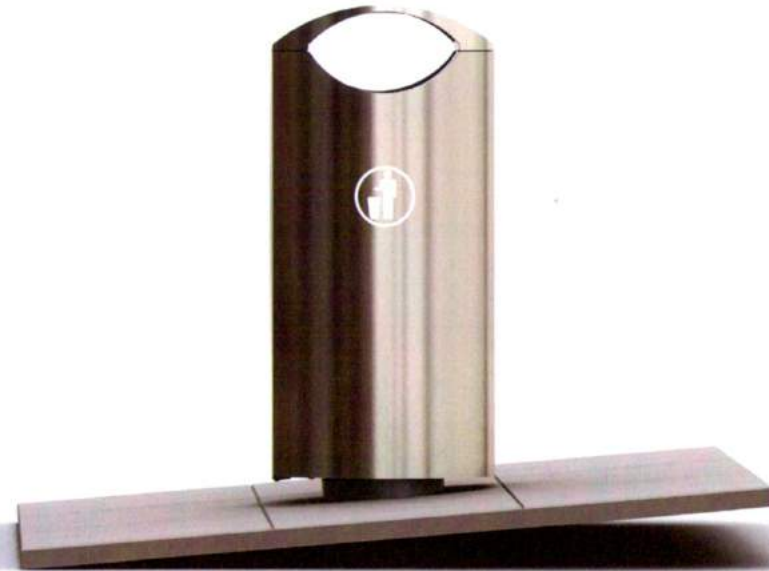


## Levelling Base

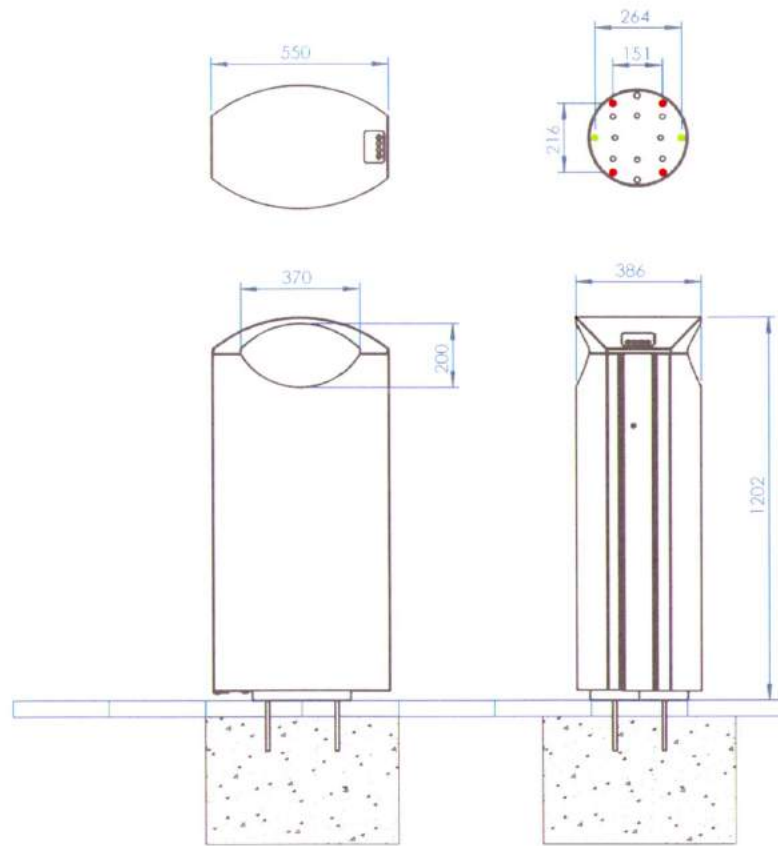
Very often the ground where the bin is being installed is not level. With most bins this causes a significant problem. It is difficult and costly to level off an area to fix the bin to while shimming the bin can look untidy and can be tricky to do well. The beauty of the Omos levelling system is that it is very simple to use, requires no additional parts and can be adjusted at the time of fitting or at a later stage without demounting the bin.



Before adjusting

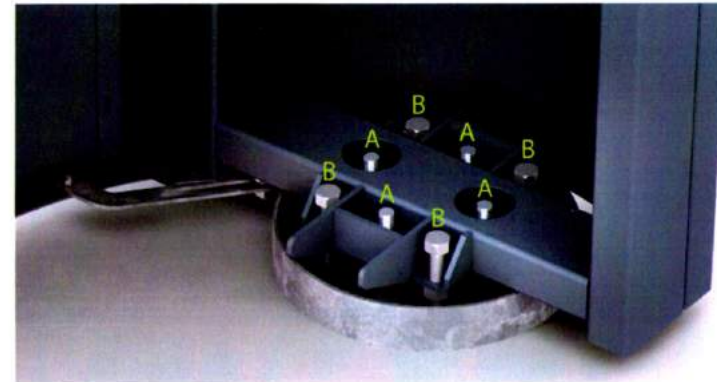


After adjusting



## Fixing the Bin

The s16.2 has been constructed to withstand severe levels of abuse. To gain full advantage from the bin's strength it must be installed properly. The bin can either be fixed directly to a concrete foundation block or through paving or other non compressible material into the foundation block. There are four primary fixing points (shown in red) and two secondary (green) for use in situations where the primary fixings are compromised. M12 mechanical or chemical anchors should be used.



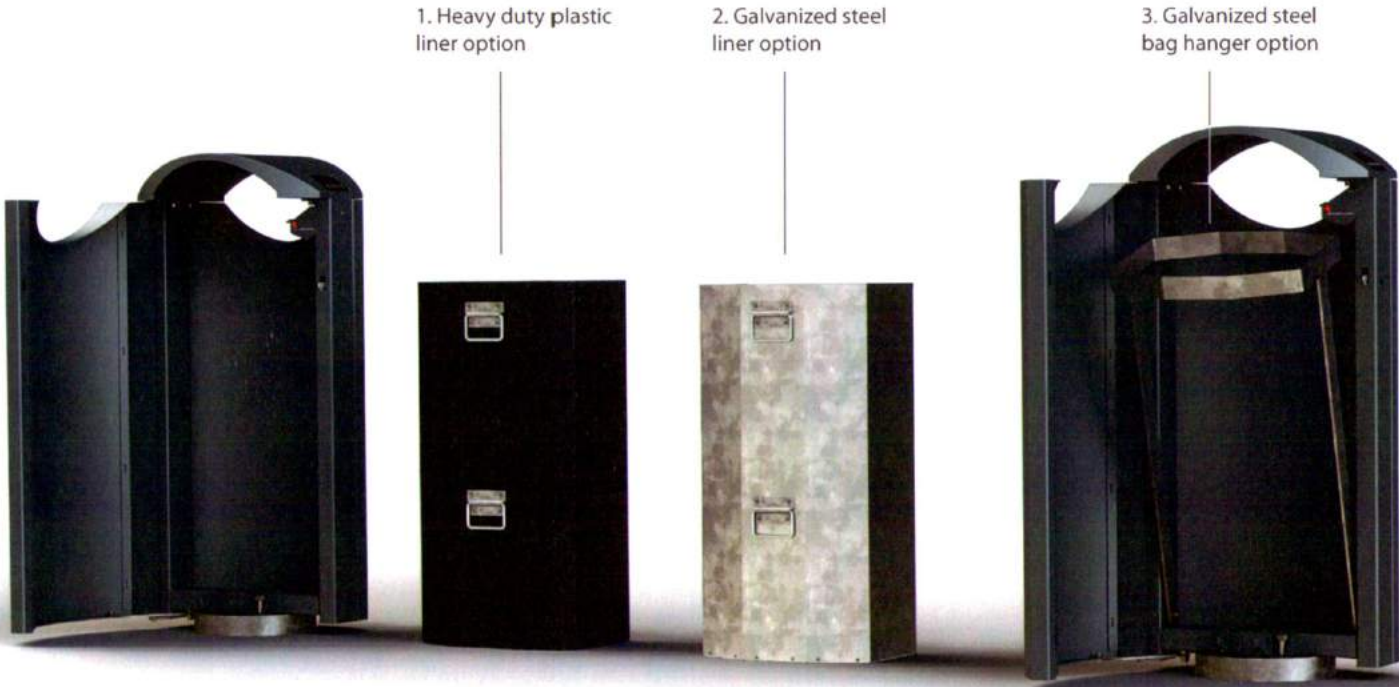
## Levelling the Bin

The bin is shipped with the base set at level so in situations where the ground is level no adjustment may be necessary. To level the bin the four M16 nuts at 'A' are loosened. Then the four M16 bolts at 'B' are adjusted down until the bin stands plumb. This is best done by two people, one to support the bin while the other adjusts the bolts. All four bolts should be in contact with the base plate. Once level the four nuts at 'A' are tightened.



# Inner Liner Options

Shown below are the options available for the internal liner. The table below summarises the benefits of each.

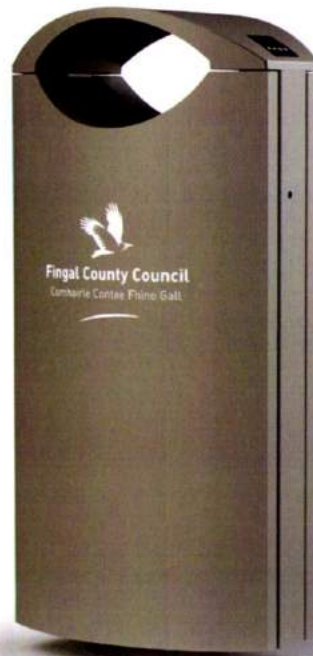


	light weight	liquid tight	fire proof	corrosion proof
Heavy duty plastic liner	●	●	○	●
Galvanized steel liner	○	○	●	○
Galvanized steel bag hanger	●	●*	○	●

\* Dependant on bag

## Options and Extras

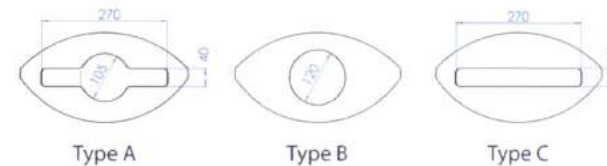
As standard the s16.2 comes with a powder coated finish (apart from the stainless steel version). Standard colours are black (RAL 9005 semi gloss), anthracite grey (RAL 7016 fine texture) and grey aluminium (RAL 9007). The standard decal is the 'litterman' symbol.



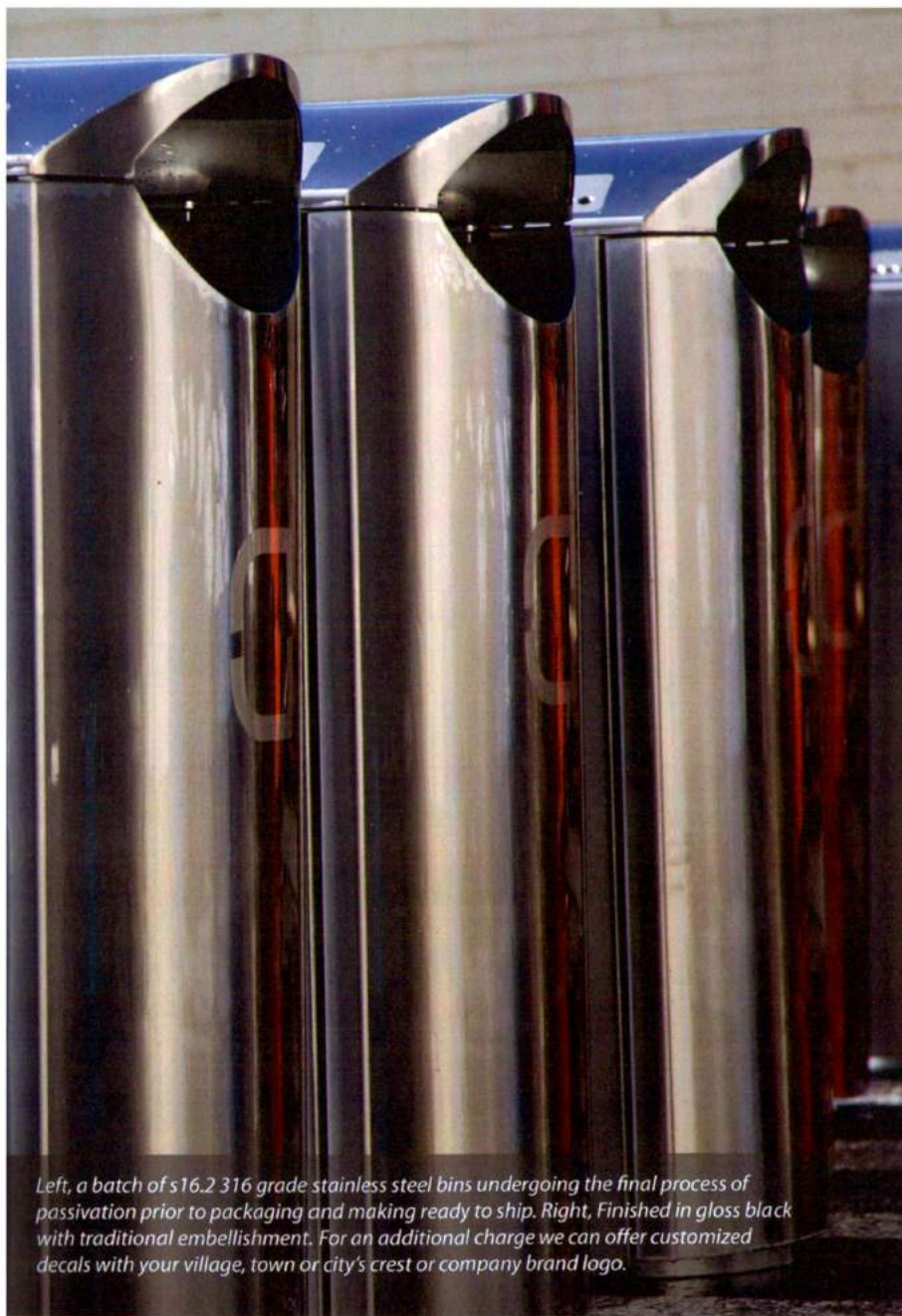
To the right shows a stainless steel bin with a restricted aperture. In this case the bin is to be used for recycling. We offer a choice of shapes of aperture to suit different recycling streams. Equally this aperture can be used on a general waste bin to restrict the type of waste deposited. Typically this is used in areas where the likelihood of domestic waste dumping is high. The range of restricted apertures is available for both stainless and galvanized steel bins. Below shows the different aperture shapes available.



Above shows a customer specific decal. Provide us with 'vector artwork' and we will reproduce your crest, logo or text in long life vinyl and apply it to the front and back of the bin. For straight forward logos and text there is often no up charge.







Left, a batch of s16.2 316 grade stainless steel bins undergoing the final process of passivation prior to packaging and making ready to ship. Right, Finished in gloss black with traditional embellishment. For an additional charge we can offer customized decals with your village, town or city's crest or company brand logo.

