

# Explosion Suppression Litter Bin – **ESLB E1-S**

ESLB E1-S is a bomb-proof litter bin that effectively reduces pressure waves, fireballs, and shrapnel in the event of an explosion. It also features a special design that allows the explosive gases to be released relatively slowly. These characteristics make it suitable for placement indoors as well as in spaces with lower ceiling heights or large glass partitions. With its discreet appearance, ESLB E1-S blends well into existing environments.

## **Fits all types of businesses**

ESLB E1-S is designed with the aim of replacing existing, non-bomb-proof litter bins in all types of businesses and environments. They are suitable for everything from small offices or receptions to critical infrastructure buildings and functions such as hospitals, government buildings, and nuclear power plants.

## **Smart construction**

Waste is deposited through the circular inlet on the side of the litter bin. Emptying is done easily by pulling out the bin using the loop-shaped handle.

The heavy steel construction ensures that the litter bin will not move. This allows people to stand nearby without risk of injury in the event of an explosion.

## **Wide range of uses**

ESLB E1-S has a wide range of usage areas and can

also serve as a temporary storage solution for high-risk items such as ammunition or grenades.

## **Long lifespan – low lifecycle cost**

The robust construction makes it highly durable and provides a very long lifespan. When the purchase price is spread over the expected lifespan of the litter bin, the result is a very low cost per year.

## **Easy handling**

ESLB E1-S is very easy to empty and keep clean, and comes with a holder for the waste bag.



# ESLB E1-S

During an explosion, ESLB E1-S effectively reduces the blast pressure wave, fireball and shrapnel. It also features our unique Slow Gas Release technology, a special design that allows the explosive gases to be released relatively slowly and in a controlled manner.

## Enhance your brand

Delivered as standard in matte or high-gloss stainless steel, alternatively with a painted cover in an anthracite gray tone.

There is also an opportunity to customize the appearance to fit your brand. Choose any color, place your logo or message, or apply a completely different design, all according to your preferences.

Technical data	E1-S
Height	1 140 mm
Length, closed / open	470 / 970 mm
Width	596 mm
Weight	315 kg
Waste capacity	45 l
Explosion capacity (completed test)	1 000 g TNT / 800 g C4



**E1-S** in closed vs open position.

## Contact us

At the headquarters in Karlstad, you will find our warehouse and showroom where we can demonstrate our products and ideas. Please feel free to contact us if you want to schedule a visit, get more information about the products, get a quote request or assistance with project planning. We also have the opportunity to visit your business to find the right products for your specific needs.



## SAFERWORLD INTERNATIONAL

Frögatan 18, 653 43 Karlstad  
+46 (0) 10 480 99 99

info@saferworldintl.com  
www.saferworldintl.com