

Noise reduction with GMT refuse bins



The quiet way – to a clean environment

The new European noise protection decree has been in force since the year 2000. The emptying and the filling of non noise-reduced refuse containers is only permitted between the hours of 7.00 and 20.00, unless you benefit from the advantages of SSI SCHÄFER's **noise reduced** 2-wheeled bins.

These have, for a long time, exceeded the emission standards by **an average of 20%**. To illustrate this more clearly, about 100 noise reduced bins generate as much noise as one conventional bin.

For the resident, this means that he can dispose of his waste around the clock.

Noise reduced SSI SCHÄFER bins already meet tomorrow's legal requirements today!

Better than required by the standard – for measured values see www.ssi-schaefer.com

User-friendly, noise-reduced SSI SCHÄFER bins are permitted to be filled **around the clock**

Legal filling and emptying times without noise reduction
7.00 – 20.00 hrs

With SSI SCHÄFER noise reduced bin systems
filling is permitted throughout 24 hours

around the clock independent of legal time restrictions!



cushioning of the impact by the open lid on the body



cushioning of the lid closure



reduction of wheel related noise



What elements help to reduce the noise ?

The biggest noise reduction is achieved by the **cushioning** of the impact of the open lid, because the loud impact of the lid on the back of the bin body is prevented. On the inside of the bin lid **rubber buffers** are fitted, which cushion the banging of the lid when it is shut. Special **bearings muffle wheel** related noise, when the bin is moved.

In addition, on request, two **plugs** can be fitted to the base of the bin, which prevent noise resulting from the bin hitting the ground as it is emptied and returned.

In this way, the whole process of waste disposal generates much less noise, from manoeuvring the bins, to the opening and closing of the lids.



ground impact cushion

closing the lid	opening the lid	wheeling the bin
-19,0 (dBA)	-40,2 (dBA)	-13,4 (dBA)

acoustic decrease through noise reduction
(Source: PZT GmbH, Wilhelmshaven)