

INTRODUCING THE

BUG SHUT

ROLLUP DOOR SWEEPS

**STOP
BUGS**
BEFORE THEY
INVADE



B BURRTEC CO.,LTD.
BRUSH SOLUTION

- Insects
- Wind
- Dust
- Snow
- Birds
- Sound
- Light
- Air

Before attaching the Bugshut

Gap between slats and rail

After attaching the Bugshut

Installing the Bugshut door sweep seals point of entry gaps keeping pests and contaminants out!

Replacement Brush

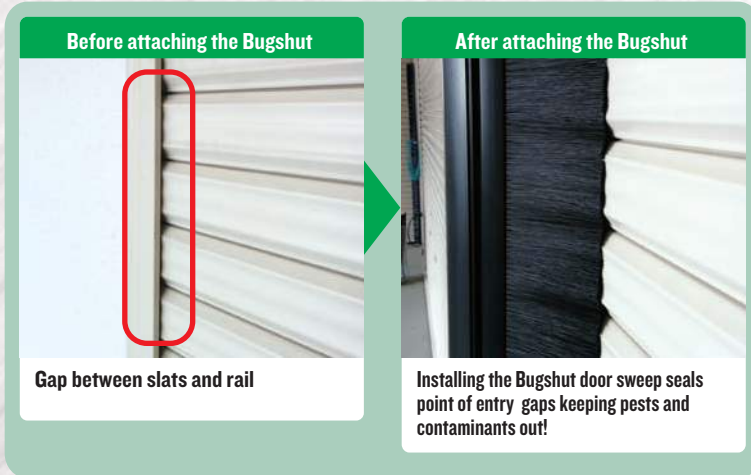
Easy to replace the brush parts

2 rows
Seamless jointsection

BUGSHUT™ for Steel Rollup Door

Stop bugs before they invade

The brush of the Bugshut door sweep will not obstruct the opening and closing of the shutters and doors, but rather by sealing the gaps between floor, frame and door it proactively prevents unwanted pests and dust from entering your facility. Rather than a post contamination cleanup or management strategy, it keeps contaminants out before they can get in and cause a problem.



SPECIAL FEATURES

- With built in flexibility, the brush holder reduces damage and wear to the brush caused by the repetitive opening and closing of the door
- With a high level of density created by its 2 layers of bristles, the door sweep is not only air tight but also delivers top tier pest control results
- Because the base of the bristles is cut at an angle seal openings are reduced, assuring a high quality seal preventing penetration by unwanted pests and contaminants
- Because you can just change the brush and not the whole unit the Bugshut is highly cost effective

Product Uses

Insects



Insect Repellent: prevents pests from entering from the outside and prevents contamination of products and goods inside

Wind



Wind Barrier: keeps hot and cold air from coming in and cooled and heated air from escaping enabling efficient climate control inside a facility

Dust



Dust reduction: prevents dusts from entering from the outside.

Snow



Snow Barrier: can be used to keep snow from entering shutter casing and causing freezing and short circuiting as can happen during times of heavy night snowfall

Bird



Bird barrier: prevents birds from entering or building nests in shutter casing

Sound



Sound Barrier: by minimizing the vibration it reduces the sounds of wind rattling and shaking the shutter

Light



Light Barrier: prevents light from shining through the gaps around a shutter keeping out pests that are attracted to light

Air



Leak Barrier: prevents leaking of climatized air from a facility and supports the maintenance stable temperatures within



CAUTION

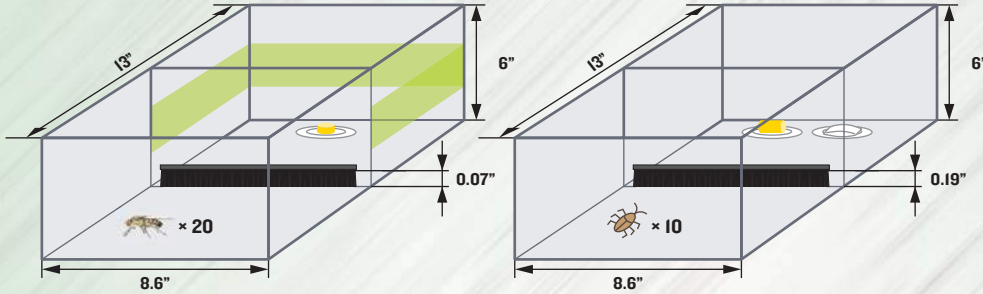
Due to the nature of the brush's construction and depending on level of usage and environmental conditions the brush can become detached or break. After installation please check the condition of the brush periodically.

- Please be aware that the brush can become detached. Depending on frequency of use and environmental conditions it is possible for the brush to break or become detached.
- In cases where there is no bar or wall on the shutter rollup doors to attach the brush to it may be necessary to purchase a separate additional angle bracket.

- For lightweight manual shutters, to prevent the brush from becoming caught in the slats and damaged or ripped out it will be necessary to attach the brush so that the tips are touching the front side of the slats.
- As the grooves in S and A type slats are quite deep it is possible that slight gaps between the brush and the slats may develop
- For obstacle detective sensor doors, the rollup bottom seating panel may not completely fit back into the shutter casette lintel.

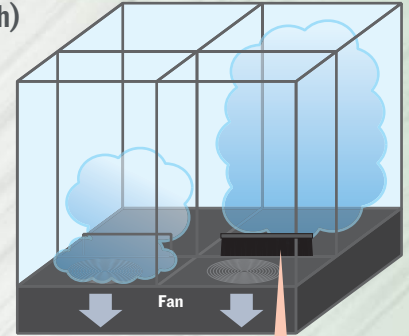
5 Reasons to Choose the **BUGSHUT** Door Sweep

1 Proof of superior effectiveness from actual test results (company internal research)



Results of contaminant exclusion performance testing:
(Second totals)

	BUGSHUT	Other brush
Fruit Flies	○	△
German Cockroach	○	○



Brush stops air.

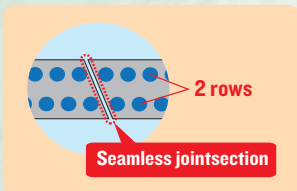
Results of airtight seal performance testing:

BUGSHUT	Other brush	No brush
○	△	×

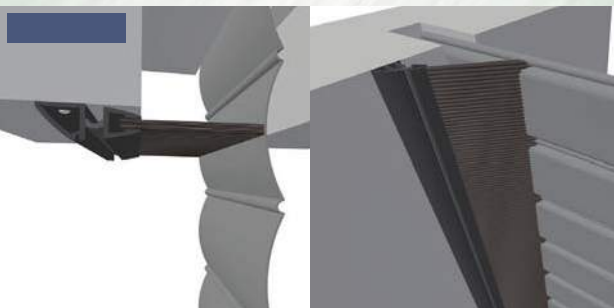
⚠ Note: Experiment conducted under controlled conditions. Results may vary according to conditions.

Contaminant Exclusion Test Method (Fruit Flies) - In our testing 20 fruit flies were released into a sealed plastic case measuring W 8.6", L 13" and H 6". that was divided by a plate placed against the floor of the case with a 0.07" gap. A banana was placed on the other side of the plate. In the first test where the case was divided only by the plate 10 flies were able to reach the feed banana. In the second test we used the Bugshut sweep to seal the 0.07" gap under the plate and no flies were able to reach the bait banana.

2 Seamless joint



2 rows bristle + Seamless joint!
The better sealing. Easy maintenance, you can replace only the brushes without taking off the frame.



3 The specially designed brush holder now allows for the Bugshut to be used with sheet shutters

By reducing resistance on the brush when opening and closing the shutters the specially constructed brush holder now allows the unit to be used with sheet shutters as well. We tested the durability of the product by opening and closing the shutter 10,000 times and it proved to have a high level of durability showing little deterioration of the sheet and brush.

(INTERNAL COMPANY RESEARCH)



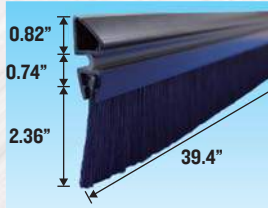
4 Comes with a 1-year warranty service

5 Full Track Record of Successful Use: First targeting mainly the large food manufacturers, the company began selling its protective sealing door sweeps in January of 2000 in Japan. As of June, 2018, over 16,000 of the products had been put into use by major companies across a wide range of industries including manufacturing, service, IT, distribution, public utilities and more. The product has also received excellent performance reviews by the companies who have adopted it.

Brush and holder sets



Screws are not included

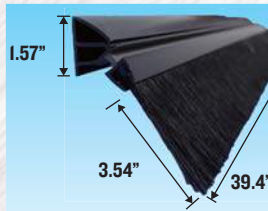


BUGSHUT for Top portion

CAD

Order code	Model	Length
146-051-00	BS-top-SET	39.4" (1m)

Holder : PVC black Brush : Polypropylene



BUGSHUT for Side portion

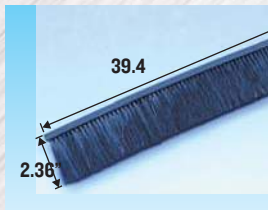
CAD

Order code	Model	Length
146-052-00	BS-Side-SET	39.4" (1m)

Holder : PVC black Brush : Polypropylene



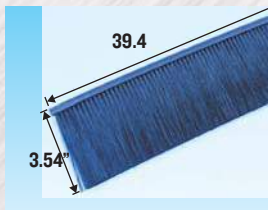
Replacement brush



BUGSHUT replacement brush for Top portion

Order code	Model	Length
146-053-00	BS-top-rplc	39.4" (1m)

Brush : Polypropylene



BUGSHUT replacement brush for Side portion

Order code	Model	Length
146-054-00	BS-side-rplc	39.4" (1m)

Brush: Polypropylene

BRUSH REPLACEMENT

- The brush will wear out and need to be replaced periodically.
- If the bristles of the brush become old and worn they will not align properly and start to splay open. In this state pests will be able to penetrate the door sweep.



If a gap develops between the shutter and the brush, please replace the unit as soon as possible.

Special plastic angle set



Screws are not included



BUGSHUT special angle set

Order code	Model	Length
146-055-00	BST2- ANGLE SET	39.4" (1m)

Holder : PVC black with 4 nuts and screws set

※ You will need this special plastic angle when the side rail is exposed.



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