WS-021 Washable door-bottom draft roll

Place a removable textile roll along one supervised interior door gap.

Controlling dimensions: US inches and feet. Metric equivalents are references. Original editorial design; no physical build, animal trial or load certification is claimed.

Before marking and cutting

US inches; feet where appropriate. Metric values are rounded references. Written inch values control.

3/4 in means measured 0.750 in actual thickness wherever used. Recalculate mating lengths for other sheet thicknesses; do not substitute nominal stock blindly.

Use limits

No insulation, energy saving or fire/smoke-seal rating.

Do not obstruct combustion air or required ventilation.

Materials and finished cuts

Part	Qty	Size to cut	Material and detail
A Outer shell	1	38 × 9 in 965.2 × 228.6 mm	Prewashed firm washable cotton; measure after drying. Cut blank before seams or fitting.
B Inner filling sleeve	1	37 × 8 in 939.8 × 203.2 mm	Prewashed firm washable cotton; measure after drying. Cut blank before seams or fitting.
C Soft ties	2	1 × 12 in 25.4 × 304.8 mm	Cotton twill tape. Cut blank before seams or fitting.

Hardware and consumables

1 × Polyester fiberfill. Loose fill only; quantity set by a soft hand fit.

1 × Sewing thread. Two enclosed seams.

Tools

Rule with fractional inches; Pencil or appropriate material marker; Scissors or cutter suited to the actual material; Straightedge; Sacrificial cutting backing; Sewing needle or suitable sewing machine; Scissors; Pins; remove and count after sewing

Primary context and design record

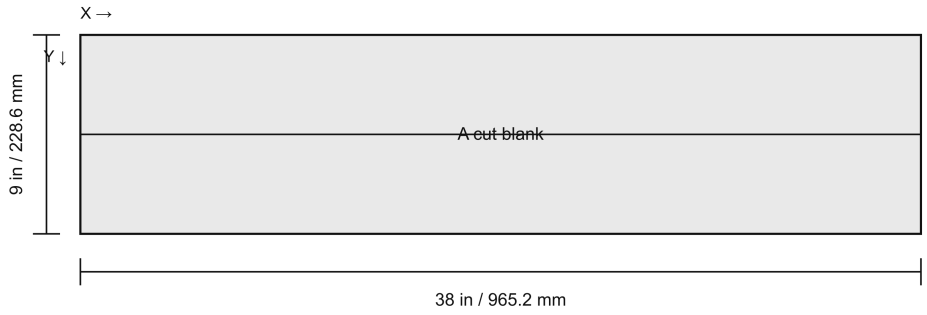
Context references; not design endorsements or certifications.

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Assembly and first checks

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PLAN / reference origin at front-left; not to scale. Inch values control.



Part letters identify the cut-list pieces. Dashed outline = underside part.
Coordinates in the method use the same X/Y reference.
Do not drill from the graphic: transfer the written center coordinates.
Original editorial design; no physical construction trial or certified load rating.

01 Measure the actual door width. The example finished roll is approximately 36 in / 3 ft long and suits a 36 in-wide interior door; alter length for the measured door.

02 Cut A 38 × 9 in and B 37 × 8 in after prewashing. Use clean dry polyester fiberfill, not grain or sand that can attract pests or leak grit.

03 Fold B lengthwise with right sides together. Sew a 1/2 in long-edge seam and one 1/2 in end seam.

04 Turn B right side out. Fill loosely so it bends without a hard pressure point; keep 2 in of the open end free of fill.

05 Turn B’s open end inward 1/2 in and stitch closed twice; inspect for escaping fibers. The inner sleeve finishes about 36 in long.

06 On each short end of A, turn under 1/2 in twice and stitch, reducing A’s available length from 38 to 36 in.

Complete the assembly

WS-021 Component dimensions

Orthographic component reference. Quantities shown; not a sheet nesting plan or full-size template.



38 × 9 in

A Outer shell QTY 1

38 in / 965.2 mm × 9 in / 228.6 mm cut blank



37 × 8 in

B Inner filling sleeve QTY 1

37 in / 939.8 mm × 8 in / 203.2 mm cut blank



1 × 12 in

C Soft ties QTY 2

1 in / 25.4 mm × 12 in / 304.8 mm cut blank

Measured actual stock controls. Read the written assembly sequence before cutting or fastening.

07 Fold A lengthwise right sides together; sew its long edge with a 1/2 in allowance. Turn the open-ended outer shell right side out.

08 Slide B inside A. Place one 12 in twill tie around each open shell end and knot short tails; remove the ties to wash the outer shell.

09 Place the roll against the closed door on the room side. Check it cannot enter the hinge, trip someone or prevent the door opening freely.

10 Remove the roll before using the doorway. Label it for attended interior use and keep it away from heaters and open flame.

Acceptance and intermediate checks

Inner sleeve about 36 in long with no leaking filling.

Door opens fully after the roll is lifted away.

Roll does not restrict a required fire/smoke door, vent or exit.

Cleaning and maintenance

Remove fill sleeve before washing shell.

Dry completely and inspect seams each season.