TAMBOUR DOOR SYSTEMS
C3 INSTALLATION INSTRUCTIONS

C3 Parts Overview
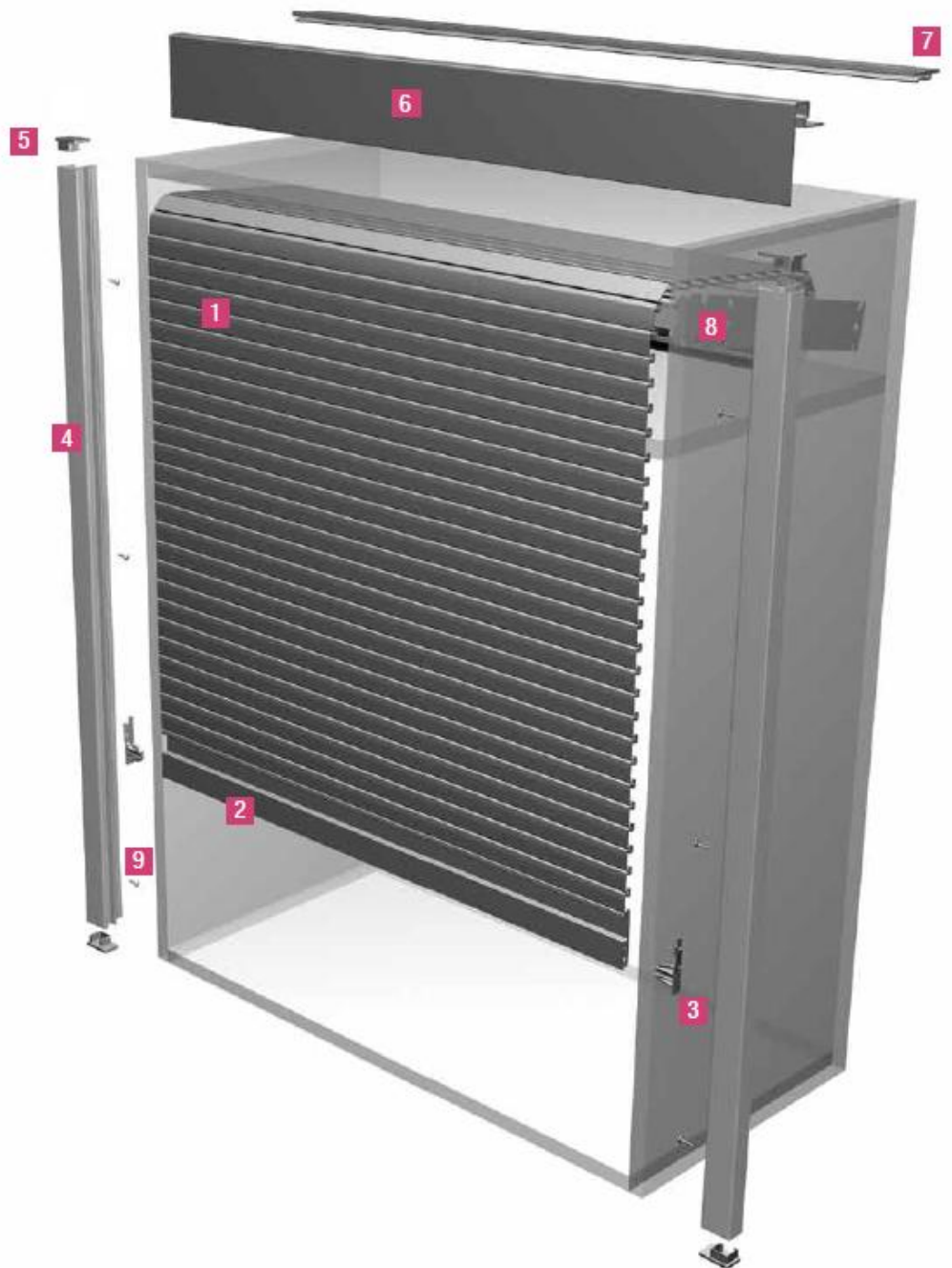
1 Slats

2 Handle

3 Handle gliders

4 Track

5 End caps

6 Cover profile

7 Cover profile base

8 C3 counterbalance

9 Hardware*

Tools Needed
– Power drill and #2 bit
– Tape measure
– Level
– 8 mm drill bit

*Hardware includes:
#6 x 1/2" Flat head screws
#6 x 1/2" Pan head screws
8 – 18 x 1" Tapping screws
5/16 x 1" Wooden dowels
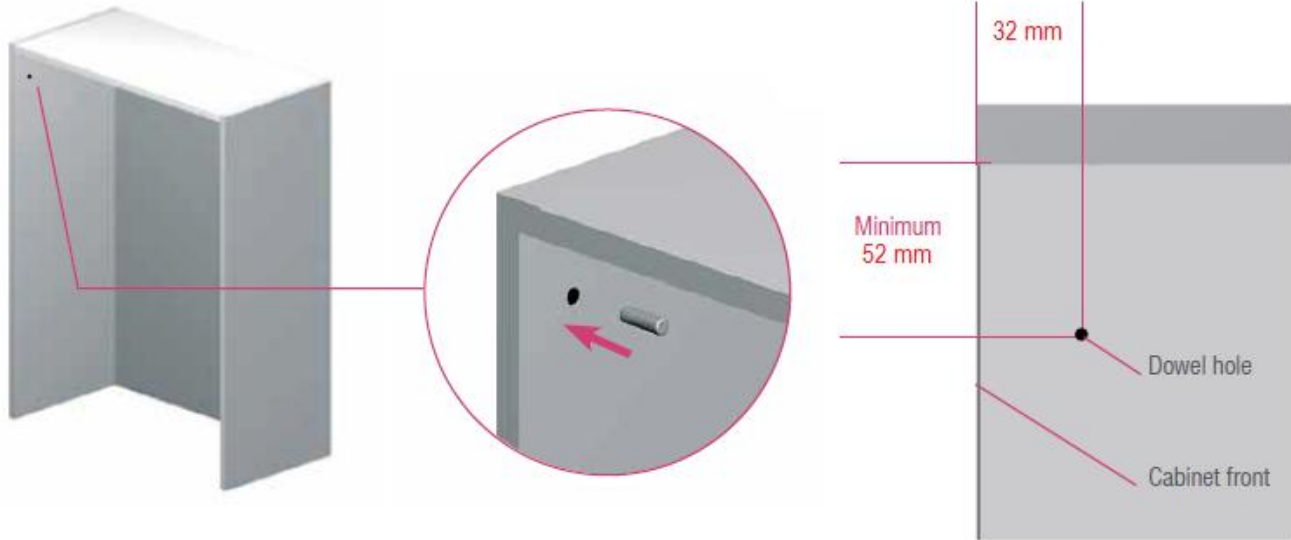
Follow along wih this step-by-step installation video
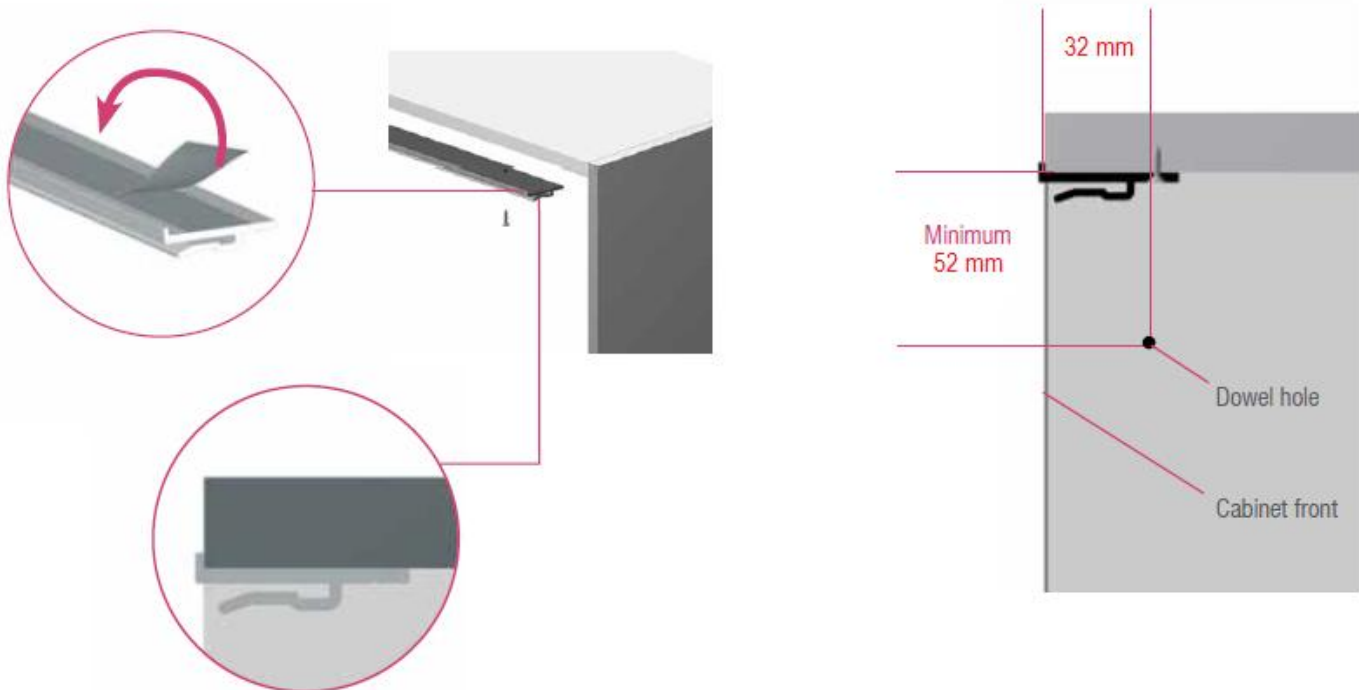
Step 1: Dowel and Screw Placement

– Mark the dowel and screw placement for the C3 brackets.
– Repeat on both sides.
– Pre-drill an 8 mm diameter hole and insert the wooden dowel.
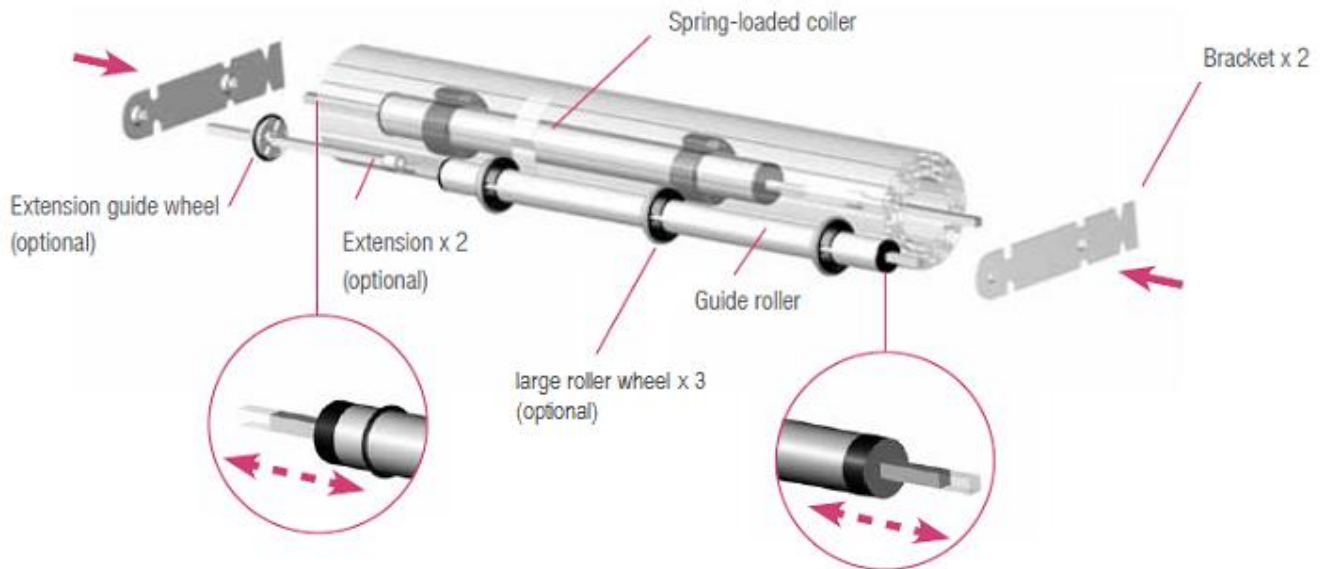– Repeat on both sides.

Note: An internal cabinet depth of ≥ 290 mm is required for installation.

32 mm

Minimum
52 mm

Dowel hole

Cabinet front

Step 2: Cover Profile Mounting Piece Installation

– Remove the adhesive strip from the mounting piece.
– Attach the mounting piece to the inside of the cabinet top making sure it is centered between the side walls.
– Fasten in place with #6 x 1/2" pan head screws while maintaining a gap of about 200 mm between screws.

32 mm

Minimum
52 mm

Dowel hole

Cabinet front

Spring-loaded coiler

Bracket x 2

Extension guide wheel
(optional)

Extension x 2
(optional)

Guide roller

large roller wheel x 3
(optional)

Step 3: Assemble and Install C3 Mechanism (with carpet)

– Ensure that the tambour carpet is coiled around the spring-loaded roller.
– If attached, remove the handle from the tambour carpet and set aside.
– Hold the free end of the shutter with a strip of adhesive tape approximately 120 mm in length.
– Lay the tambour carpet on the table, adhesive tape facing the front.
– Push the left- and right-hand brackets onto the spring-loaded axle and the guide roller.
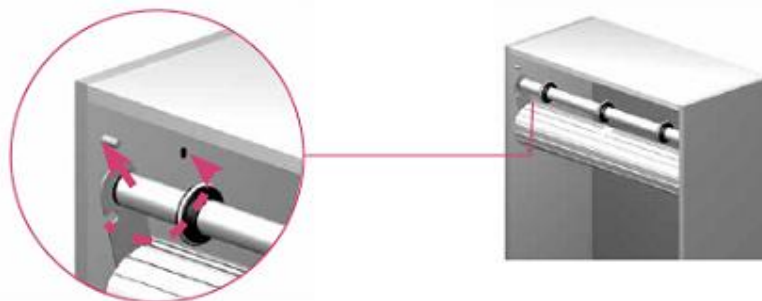– The C3 mechanism and tambour carpet are ready to install.

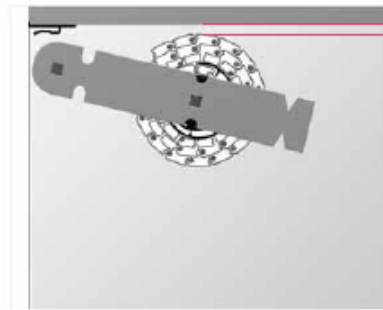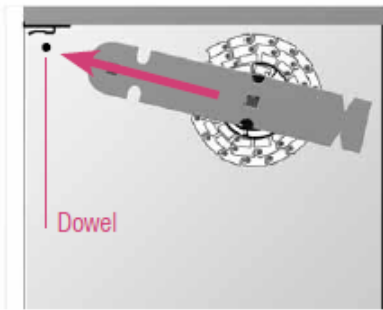**NOTE:** Do not remove tape or apply pre-tension at this time.

– Compress both brackets as far inward as possible and slide the
  system into the top of the cabinet.

– Pull the system forward toward the cabinet front and slide the
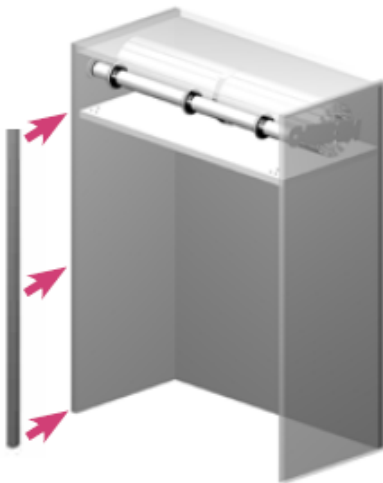 brackets onto the wooden dowels.

- Swing the rear of the system upward to align with the pre-marked screw placements.
- Ensure that the system is level and maintains a minimum 10 mm gap from the cabinet ceiling.
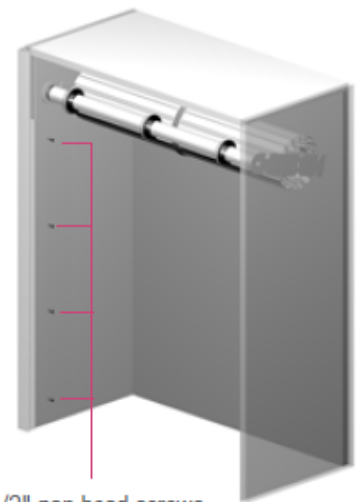- Fasten the brackets to the cabinet walls with screws.

Dowel

10 mm

Note: If you are installing a fixed shelf below the system, allow for a minimum clearance of 10 mm between the shelf and the bottom of the coiled tambour carpet.

Step 4: Track and End Cap Installation

- Mount the track to the cabinet wall and fasten with screws. (Recommended distance between screws is 200 mm)
- Repeat on both sides.
- Position the top end caps and fasten with screws.

Note: For ease of installation it is recommended to pre-drill track.

#6 x 1/2" pan head screws

Step 5: Pre-loading C3 Carpet

– Apply necessary pre-tension to the coiled tambour carpet.
   Refer to the table for the correct number of revolutions based on cabinet height and width.
– Carpet should be pre-loaded counter clockwise.
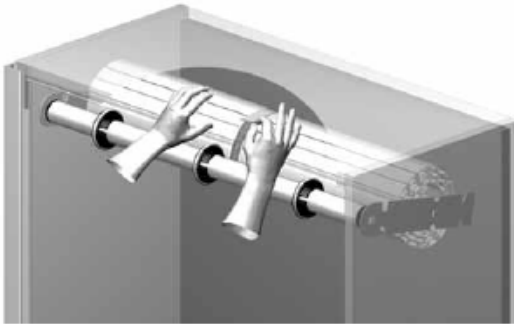
Pre-tension Specifications

Tolerance ± one turn*

Width internal (mm)	Height internal (mm)		
	600-1000	1000-1350	1350-1500
350-384	1-2	2	3
385-549	2-3	3-4	4-5
550-584	1-2	2	3
585-749	2-3	3-4	4-5
750-784	2-3	3	5
785-949	2-3	4-5	6-7
950-984	2-3	4	6
985-1149	3-4	4-5	7-8
1150-1184	1-2	3	4

The following values are given as recommendations only. The optimal setting for pre-tension must be determined by the end user.
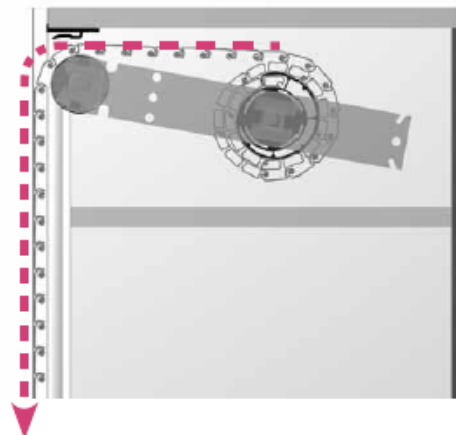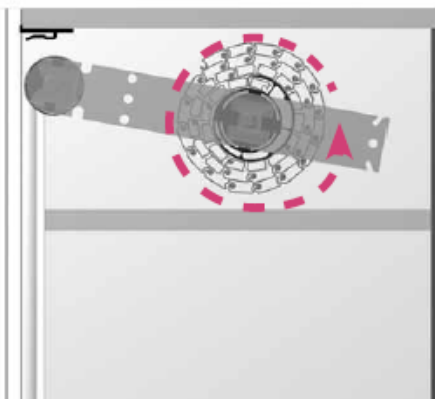
Step 6: Feed Tambour Carpet

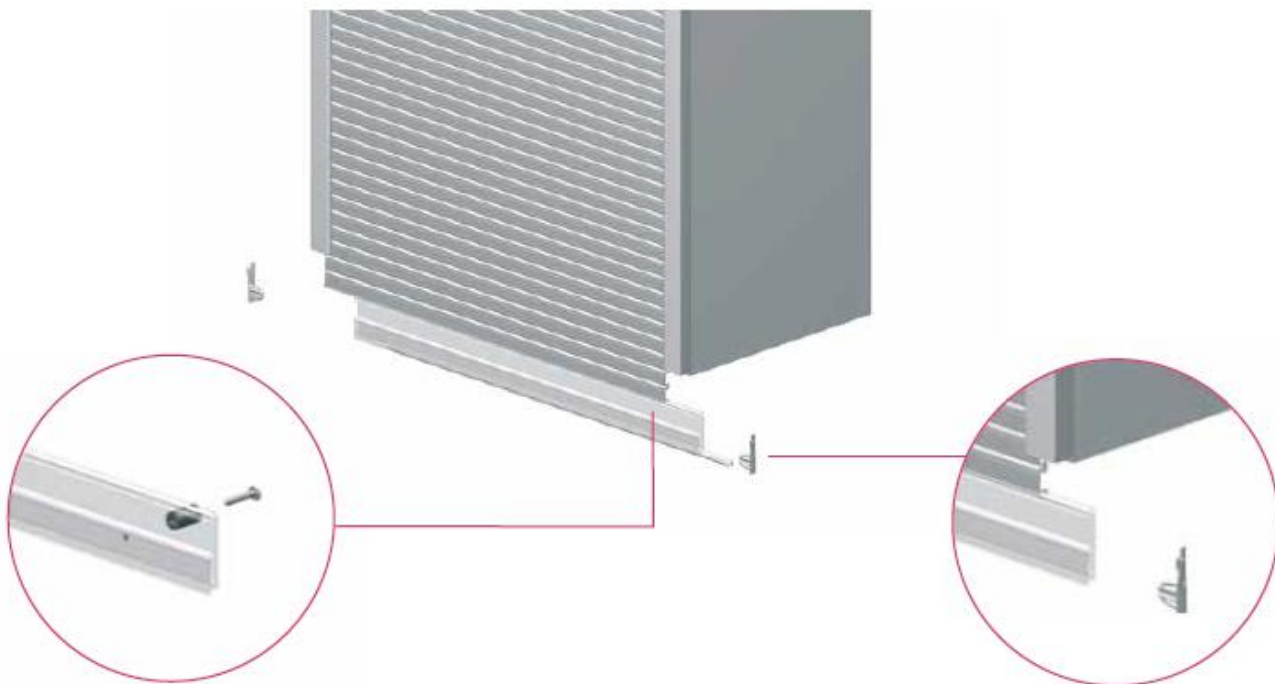– Feed the carpet over the guide roller and down the tracks.

⚠ WARNING!
Coiled carpet can move freely once tape is removed. Avoid risk of injury by holding the carpet until feeding is complete.

Step 7 : Combo-Grip, Gliders and Stopper Profiles Installation

– Pull the carpet until it has cleared the bottom of the track.

– Slide on the handle.

– Insert the handle gliders and carefully guide the door back into the tracks.

– Install the stopper profiles on the back of the handle using the provided tapping screws.

– Insert the bottom end caps into the track.

Step 8 : Cover Profile Mounting

– To complete door installation, insert the cover profile into the mounting piece clip.