GENERAL INFORMATION / TOOLS

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GENERAL INFORMATION / TOOLS

GENERAL INFORMATION

Preparation:
We recommend reading these instructions before starting.
Carefully unpack and check all items before beginning assembly.
When transporting assembled doors; always lift at corners and lean doors on their side – never stand them upright as this may damage the bottom roller.

The high quality raumplus family of sliding door systems offer a wide range of possibilities. Systems with or without bottom track, ceiling or wall mounted systems, corner solutions, locks, applied and true divided panels.
The “HOW TO ASSEMBLE/INSTALL A FOLDING DOOR (S34)” describes the process of assembling an S34 folding door.

For other instructions, please see:
HOW TO INSTALL A SLIDING DOOR (S34 + S42)
ASSEMBLY INSTRUCTIONS_S34/S42 STOPPER FOR TOP TRACK + END CAP
INSTALLATION INSTRUCTIONS_S34/S42 WALL-MOUNT END CAPS + L-BRACKET
INSTALLATION INSTRUCTIONS_S34/S42 TOP AND BOTTOM TRACK CONNECTORS
INSTALLATION INSTRUCTIONS_TRUE DIVIDING RAIL
HOW TO ASSEMBLE A SLIDING DOOR (AIR)
HOW TO INSTALL A SLIDING DOOR (AIR)
For additional instructions see website www.raumplusna.com
Technical details are subject to change

INFORMATION:
It is assumed that you have exactly identified all cutting dimensions according to the measurement instruction for raumplus-products.
max. door weight: 60kg [130 lbs] per bi-fold (2 panel). Ceiling or header must be able to carry weight of doors.
Door panels ship unattached for ease of installation

TOOLS:
cross tip screwdriver (Phillips)
straightedge (optional)
allen wrench 4mm
allen wrench 5mm
cordless drill and bits; 2.5mm, 6.5mm, 10mm
pencil and / or masking tape
white rubber mallet
aluminum saw
level
1_ Positioning for folding door_ acts as a door stop in the top track to keep door in closed position.
2_ Upper Bi-fold hinge_ sits in top track and allows door to fold.
3_ Top roller (includes pick-up element)_ guides door in top track.
4_ Lower Bi-fold hinge set + mounting plate_ allows door to fold.
5_ Center Bi-fold hinge_ hinge between door elements.
6_ Pin with catch_ bottom door stop.
7_ Stile S300 asymmetrical_ vertical frame of door.
8_ Folding door track for bi-fold_ guides door, ceiling-mounted only.
9_ Top + bottom rail_ horizontal top and bottom frame of door.
10_ Stopper for top track_ brake for top track.
11_ Brush gasket for bi-fold_ cushions door against wall and between the sliding and pivot panels.
12_ Handle_ center handle, included with door.
DETAIL DRAWING_BI-FOLD

<table>
<thead>
<tr>
<th>NUMBER</th>
<th>QUANTITY</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Positioning for folding door</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>Upper Bi-fold hinge</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>Top roller + pick up element</td>
</tr>
<tr>
<td>4</td>
<td>1</td>
<td>Lower Bi-fold hinge + mounting plate</td>
</tr>
<tr>
<td>5</td>
<td>1</td>
<td>Center hinge (two parts)</td>
</tr>
<tr>
<td>6</td>
<td>1</td>
<td>Pin with catch</td>
</tr>
<tr>
<td>7</td>
<td>4</td>
<td>S300 Asymmetrical stile</td>
</tr>
<tr>
<td>8</td>
<td>1</td>
<td>Folding door track</td>
</tr>
<tr>
<td>9</td>
<td>4</td>
<td>Top and bottom rail folding door</td>
</tr>
<tr>
<td>10</td>
<td>2</td>
<td>Brush gasket</td>
</tr>
<tr>
<td>11</td>
<td>1</td>
<td>Brush gasket (special version)</td>
</tr>
<tr>
<td>12</td>
<td>1</td>
<td>Bi-fold handle</td>
</tr>
<tr>
<td>13</td>
<td>8</td>
<td>Frame screw, 32mm</td>
</tr>
<tr>
<td>14</td>
<td>4</td>
<td>Plug for punched hole</td>
</tr>
<tr>
<td>15</td>
<td>2</td>
<td>Panel (panels not included with frame kit)</td>
</tr>
<tr>
<td>16</td>
<td>1</td>
<td>Stopper for top track</td>
</tr>
</tbody>
</table>
ASSEMBLY_BI-FOLD

A_ CUT PANEL / MOUNT IT:
Note: If using true dividing rails (which physically divide the panel). Check cut sheets for panel dimensions.

B_ AFFIX FRAME AROUND THE PANEL:

1. Lay the panel on a table.
2. Stretch the panel gasket around the glass/mirror. Start in the center of the top edge of the panel. For the corner, cut an approx. 2mm [1/16"] deep notch into the back of the gasket and stretch the gasket over the corner (fig. 1). If using panels 10mm [3/8"] no panel gasket is required.
3. Put the top rail over the panel and attach it by carefully tapping it with a white rubber mallet. Use a white mallet to prevent marks. (fig. 2).
4. Use the same process as with the top rail to attach the bottom rail.
5. Press the stiles (vertical frame profiles) onto the panel, screw them together with top / bottom rails (fig. 4).
6. Check the corner for squareness.

C_ IF APPLICABLE - DIVIDING RAILS:
NOTE: Frame kits do not ship pre-drilled for true dividing rails. See True dividing rail instructions for drilling instructions.

1. As shown in the above example (fig. 1), put profiles, panels and dividing rails together, but do not fasten yet.
2. Mark the position for the drill holes with a pencil.
3. Drill with a 5.5mm drill bit and then with a 8mm drill bit to enlarge the outside hole only (fig. 2).
4. Now screw together.
5. Cover drill holes with plugs (fig. 3)
EXPLODED DRAWING OF HINGES

**HINGE LEFT**
- Top hinge
- Pay attention to pin sleeve!

**HINGE RIGHT**
- Top hinge
- Pay attention to pin sleeve!

**HINGE LEFT**
- Bottom hinge
- Pay attention to pin sleeve!

**HINGE RIGHT**
- Bottom hinge
- Pay attention to pin sleeve!
1. Sliding panel Hinge Right

2. Pivot panel Hinge Right
**INSTALLATION_BI-FOLD**

**HINGE RIGHT**

3. Screw together pivot panel with sliding panel (fig. backside HINGE RIGHT)

4. Drill holes in ceiling/top of closet and mount folding door track horizontally (fig. w/o ceiling/top of closet)

*IMPORTANT*

Make sure ceiling or header can carry weight of doors. Additional blocking may be needed before installing.

Alternate installation: install pivot panel, then sliding and connect together as shown below.

Pay attention to orientation and position of pin sleeve! (see page 8)

Before mounting folding door track insert accessories numbers 1, 2, 3,10!

Distance to Interior system 40 mm [1 9/16"], from the top track to outer edge of Interior system.

mount catch

Distance to water level ca 23mm [7/8"]

center of folding door track

center of folding door track

fix upper hinge (temporarily only in long hole).

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5. Mount positioning for folding door and upper bi-fold hinge

- Mount positioning for folding door with a distance of 17mm [11/16"] to wall.
- Mount first part of upper bi-fold hinge with a distance of 16mm [5/8"] to wall.

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6. Install door panels

- X: First insert bolt in mounting plate, then Y: Put swing wing in pick-up element, connect and fasten it.
7. Mount top roller and handle

Put top roller in sleeve and fix it with set screw. Then test function. After that finally fix lower bi-fold hinge.

8. Check level of folding door to folding door track, adjust with top roller screw (if required)

Make sure that the top roller is under load, otherwise there is a risk of rattling.

Make sure that side (wall position) and folding door track at right angles to each other.