This TDS details the installation requirements of Fleming DW-Series, knocked-down slip-on frames. This series is designed for installation after the studs and drywall are completed.

Refer to TDS G13 for imperial frame installation tolerances or G14 for metric.

1. **Size Opening**
   See detail at right for recommended practise at jamb and head steel stud intersections. Wrapping head runners over vertical jamb studs will create a wall thickness greater than intended and will cause problems during the installation sequence.

   It is important to ensure that the rough stud openings for double rabbet profiles are sized as follows. Permitted tolerances are + 1/4” (6.4mm) / - 0

   a) Rough stud opening width (RSOW) = frame rabbet width + 1-7/8” (47.6mm)
   b) Rough stud opening height (RSOH) = frame rabbet height + 3/4” (19.1mm)

   Optimal clearances at hinge jamb, strike jamb and head are as shown at right

   For cased open profile DW-Series frames the RSOW = frame rabbet width + 2-3/4” (22.7mm) and RSOH = frame rabbet height + 1-3/8” (34.9mm)

2. **Install Head**
   a) For fire rated pairs only, install snap-in anchors in each face at the centerline of the head.
   b) Slide head into position in the center of the rough stud opening width. Wedges may be used to temporarily hold head in position.

3. **Install Hinge Jamb**
   a) If optional snap-in anchors are to be used to secure the frame to the sill plates/runners, install in each face at bottom of jamb as above in Step 2.
   b) Retract compression anchor at the top of the jamb by turning screw clock-wise.
   c) Insert the integral soffit tab on the jamb and the tabs on the jamb corner clips into the slots in the head. Pivot the jamb into place over the wall.
4. **Install Strike (or 2nd Hinge) Jamb**
   a) For fire rated single frames only, install snap-in anchors in each face of strike jamb, immediately above the strike reinforcing.
   b) Repeat Steps 3a through 3c

5. **Anchor Frame**
   a) Place a temporary wooden spreader between the jambs at the floor to ensure the correct frame rabbet width at the base of the frame. The spreader must be square, at least 1” (25mm) thick, almost as wide as the jamb depth of the frame, with clearance notches for the frame stops.
   b) Shim the bottom of the jambs to the same elevation so that the head is level
   c) Secure the bottom of the frame through the dimpled holes at the base of each jamb face with standard drywall screw into the sill plate/runner. If the optional snap-in anchors are provided, secure to sill plate/runner with 2 drywall screws per anchor. Ensure that jamb rabbets are parallel.

6. **Set Frame**
   a) Plumb and square-up frame by adjusting compression anchors provided at the top of each jamb, ensuring that the anchors press tightly against vertical jamb studs.
   
   b) On fire rated frames, secure snap-in anchors at strike jamb or head to studs with 2 standard drywall screws per anchor
   
   c) Bend the jamb corner clip tabs protruding through slots in head returns back towards the wall
   
   d) Remove temporary wooden spreader