1. **Inspect Bar Grate**  
Be sure that bar grate is undamaged and capable of supporting anticipated traffic.

2. **Layout Panels**  
Layout and properly space ResinDek panels over bar grate (see ResinDek Installation Instructions).

3. **Two People Per Panel**  
A minimum of 2 people are needed to install each panel.

4. **Saddle Clips**  
You will be installing 12 saddle clip assemblies per panel (4 rows of 3), see sample layout below. Follow steps 5-9 for installation.

5. **Pre-drill Panel**  
Pre-drill 1/4" holes from underneath, centered between the bar grate vertical bars.

6. **Countersink Holes**  
Countersink all predrilled holes with a 1/2" approximate countersink bit.

7. **Insert bolts**  
Drop in bolts.

8. **Install Saddle Clips**  
Install saddle clips and tighten locknuts.

9. **Check Screws & Clips**  
When assembled properly, the head of the screw will rest just below the panel surface, and the saddle clip will cover 2 adjacent bars.

**Sample Layout (top of panel)**  
Hole locations are approximate, be sure to place holes no closer than 1" to any edge. Position holes to miss bar grate and to accommodate saddle clip flanges.  
**Note:** This pattern is for 4’ x 8’ panels. Fastener patterns for other panel sizes should use 1 saddle clip assembly per 2.66 SF area.

**Assembled Screw & Clip**  
Above shows an assembled screw and clip.