

Trapezoidal loads to shell objects

Trapezoidal loads may be assigned to **shell objects** by using a [joint pattern](#). This may be done in [SAP2000](#) through the following process:

- Add a new joint pattern name through Define > Joint Pattern.
- Assign joint pattern values to the structural [joints](#) through Assign > Joint Patterns.
- Apply trapezoidal loading to area objects through Assign > Area Loads > Surface Pressure (All), then select the By Joint Pattern option.