

WINERY APPLICATIONS



Classic Cave Design Using Modern Techniques

Underground vaults for wineries provide many of the advantages of a traditional cellar or natural wine cave. The great flexibility of the system allows for earthen floors, multiple vaults placed side by side, and units that can be furnished with optional endwalls and headwalls.

Because the structural units are designed for highway loading, the buried structure allows full use of the space above. In addition, the CON/SPAN[®] winery vaults offer the following benefits:

- Cost-effective
- Aesthetic arch
- Long life cycle
- Clear spans 12 ft to 48ft
- Buried structure frees up space above vault
- Strength of the vault allows for heavy loading above
- Reduction of disruption of winery operations during construction
- Fabrication off-site allows plant quality control and quick set-in-place construction
- Reduction of air movement, evaporation and equipment corrosion through natural temperature and humidity control