



Insulating Concrete Roof Decks

Information: Fire-Rated Systems

Architects may select various fire-rated roof structure designs:

- Unprotected steel deck systems (sprayed beam or joist)
- Acoustical tile or gypsum board ceiling systems
- Precast and poured-in-place concrete systems
- Single-ply and BUR Roofing Systems
- Structural Concrete and protected or unprotected steel deck

UL Fire-Rated Designs

(from UL Fire Resistance Directory)

Unprotected Steel Deck	P902, P903, P907, P908, P919, P920, P921, P922, P923, P924, P925, P926, P927, P928, P929, P930.
	With Structural Concrete D902, D916, D919, D922, D923, D925, D927, D929
Protected Steel Deck	With Structural Concrete D708, D750, D755, D759, D768, D775, D832
	Armstrong Ceiling P215, P216, P231, P251
	Other Tile Ceilings P214, P241, P246, P255, P261, P264
	Plaster Ceiling P405, P406, P407, P410, P411
	Gypsum Board Ceiling P501, P503, P509, P511, P513, P514, P520
Precast Concrete Tees	Exposed P905, P910, P913, P916
	Sprayed Fireproofing P708, P737, P810, P812