Floor c/w Concrete and Steel Deck

1-1/2", 2" or 3" Fluted or Cellular Steel Deck

Protected Deck

2" NW/LW Concrete Topping

UL D743*

Min. 2-1/2" NW/LW Concrete Topping

UL D788*

Unprotected Deck

Min. 3-1/2" NW

UL D949*

ULC F906

ULC F817

General Notes
* Also certified for use in Canada (CAN/ULC-S101)

Quick Links
Southwest Type 5-GP
Southwest Type 5-MD
Southwest Type 7-GP
Southwest Type 7-HD

Substitutions
S739
N791

Southwest® SFRM Series
UL Design Flow Chart – Concrete/Steel Deck

August 2019
Southwest® SFRM Series
UL Design Flow Chart – Roof/Ceiling Assemblies

Roof/Ceiling

Metal Deck c/w Insulation

Protected Roof/Ceiling Deck
1 / 2 HR.

Polyisocyanurate Board c/w or without Gypsum Wallboard
UL P741*

Polystyrene Foamed Plastic over Gypsum wallboard
UL P717*

Polyurethane Foam Insulation (sprayed)
UL P741*

Mineral/Fiber
UL P701*

Metal Deck w/c Insulating Concrete

Unprotected Roof/Ceiling Deck

Southwest® SFRM Series
UL Design Flow Chart – Roof/Ceiling Assemblies

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Southwest Type 7-HD

Substitutions
S739

General Notes
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