

Loadmaster Retrofit CompuDesign for Lightweight Insulating Concrete

Data Input Form

CompuDesign is an informational service of Loadmaster Systems, Inc. used as an aid in designing and specifying Loadmaster RETROFIT Roof Deck Assemblies. **Please provide all information requested on this Retrofit Data Input Form.** All information requested is critical to the development of a code-compliant assembly with an engineer's seal. Upon completion, all parties listed below will receive a copy of this CompuDesign unless noted otherwise. Please provide the physical address and email address of each person to receive the proposal. A form for ONE roof area is provided. Please use a separate form for each roof area, making copies, if necessary. Completed Retrofit Data Input Forms can be mailed, sent overnight, faxed, or e-mailed to Loadmaster using the following choices:

Mailing Address PO Box 2169
Duluth, GA 30096

Physical Address 3100 Northwoods Pl, Ste. E
Peachtree Corners, GA 30071

Telephone (800) 527-4035
Fax (770) 381-1783

e-mail jhendricks@loadmaster.net
dcobb@loadmaster.net

Project Information

Project Name: _____

Street Address (req'd): _____ City & State (req'd): _____

Year Project Was Built (if known) _____

Submitter Information

Submitted By: _____ Company: _____

e-mail: _____ Certification Number: _____

Send: _____ proposal(s) for delivery on: _____

check here for e-mail only delivery

include engineering report with CompuDesign

Owner or Roofing Design Professional

Name: _____ Company: _____

Address: _____

City, State & ZIP: _____

e-mail: _____ Phone Number: _____

Send: _____ proposal(s) for delivery on: _____

check here for e-mail only delivery

include engineering report with CompuDesign

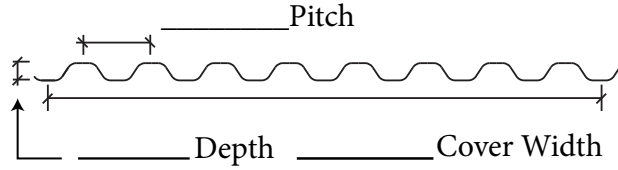


Job Name _____

Area _____ of _____

Field Inspection

Existing Steel Deck and Fill Material



Deck Manufacturer (if known) _____

Deck Finish

- Galvanized
- Spray-FRP
- Vented/Slotted
- Vent Clips
- Other _____

Deck Gauge (in.)

- 28 (0.0149)
- 26 (0.0179)
- 25 (0.0209)
- 24 (0.0238)
- 22 (0.0295)
- 20 (0.0358)
- 18 (0.0474)

Steel Deck Fasteners: Welds Screws Pins Other _____

Fasteners @ Supports _____ # Fasteners betw'n Supports (sidelaps) _____

Type of Existing Fill _____ Condition of Existing Fill _____

Thickness of Existing Fill _____ Fire Rated: Yes No

Existing Structure and Roof Covering

Type of Supports: Bar Joist Steel Beams LGST Other _____

max. o.c. support spacing _____

_____:12 Slope of Structure _____:12 Slope of LWIC Insulation Type: _____ Insulation Thickness: _____

_____sf of Roof Area _____ Existing Roof Covering

Fire-Rated: Yes No Interior Drains: Yes No Exterior Scuppers/Gutters: Yes No

Condition of steel deck _____ Amount of Deck to Be Replaced _____

Design Criteria for New Retrofit System

Design Wind Speed (mph) _____ Exposure _____ Importance Factor _____ Building Code _____

Min. Diaphragm Shear (plf) _____ Min. Uniform Load (psf) _____

New Roof Covering _____ Fire Rated Assembly P- _____ Hours _____

R-Value Required _____ Insulation Type Required EPS Iso None Required

Building Use _____

Roof Dimensions _____ x _____ Mean Building Height _____

Additional Notes - Please describe the existing system. If a roofing consultant or engineer has been employed on this project, please included any design pressures or design criteria they have provided.

Please include a sketch including location of drains and roof slopes.