

FACTORY MUTUAL INFORMATION CHECKLIST

Please read the FM instructions before completing this section.

Note: This form must be completed on all projects containing Factory Mutual Requirements. It is the builder's responsibility to verify that this information is in accordance with the contract documents, as well as in accordance with the requirements of the designated Factory Mutual representative. A "Yes" answer may result in a dramatic increase in the project price.

YES NO **1. WINDSTORM CLASSIFICATION**

Ceco to incorporate the appropriate purlin spacing and/or increased fastening in order to achieve the following Factory Mutual windstorm rating (please designate below –see the Factory Mutual "Loss Prevention Data Sheet 1-28 for guidance). Note that to incorporate these ratings will require "Yes" answers to the next two (2) questions as well.

1-60 1-75 1-90 1-105 1-120 1-135

YES NO **2. PURLIN BRACING REQUIREMENTS**

Ceco to supply Factory Mutual purlin bracing in all bays at 5'-0" o.c. maximum spacing. (This does not apply to buildings utilizing long bay purlins instead of zee's.)

YES NO **3. PANEL REQUIREMENTS**

Ceco to supply a roof panel that has been tested and approved by Factory Mutual (note that the selection of one of these approved panels alone does not necessarily indicate a Factory Mutual approved roof system). Please designate the panel type and gauge to be provided:

| | |
|---|---|
| <input type="checkbox"/> SuperLok, 24 ga; 4' purlin spacing (1-90) | <input type="checkbox"/> Double-Lok, 24" wide, 24 ga; 5' purlin spacing (1-60) |
| <input type="checkbox"/> SuperLok, 22 ga; 4' purlin spacing (1-135) | <input type="checkbox"/> Double-Lok, 24" wide 22 ga; 5' purlin spacing (1-75) |
| <input type="checkbox"/> SuperLok, 22 ga; 5' purlin spacing (1-105) | <input type="checkbox"/> Double-Lok, 18" wide, 24 ga; 5' purlin spacing (1-90) |
| | <input type="checkbox"/> Double-Lok, 24" wide, 22 ga; 4' purlin spacing (1-105) |

YES NO **4. WIND DESIGN**

Ceco to design secondary framing (purlins/joists and girts) for the wind pressures and uplift forces noted in Factory Mutual's "Loss Prevention Data Sheet 1-7". Please designate the required Factory Mutual wind speed and ground roughness coefficient below.

Factory Mutual Wind Speed = _____ MPH Ground Roughness Coefficient= _____

Please note that the Factory Mutual wind speed may be higher than the wind speed called for by the governing building code.

YES NO **5. SNOW / LIVE LOAD DESIGN**

Ceco to design secondary framing (purlins) and primary framing (frames / endwalls) for the flat roof snow load noted below, in accordance with Factory Mutual's "Loss Prevention Data Sheet 1-54". Please note that the Factory Mutual 1-54 document generally does not allow reducible live loads where the ground snow is greater than 0, unless the resultant total dead load plus live load is at least 28 psf. Please consult the local Factory Mutual field engineer for possible suspension of this requirement.

Factory Mutual Ground Snow = _____ PSF

Please note that Ceco makes no representation, either explicit or implied, that inclusion of any of the items listed above insures complete compliance with Factory Mutual requirements. The builder should present this information to the designated Factory Mutual representative to insure that it is in compliance with all appropriate Factory Mutual requirements.