

SPECIFICATION MODIFICATIONS

MANUFACTURERS

2.1 A The basis for this specification is for products manufactured by Kalwall Corporation. Other manufacturers may request approval by submitting evidence of full compliance with the performance requirements of this specification at least 2 weeks prior to bid date and will only be approved by addendum.

2.1 A The basis for this specification is for products manufactured by Kalwall Corporation. Other manufacturers may bid this project provided they comply with all of the performance requirements of this specification and submit evidence thereof. Listing other manufactures names in this specification does not constitute approval of their products or relieve them of compliance with all the performance requirements contained herein.

2.1 A The basis for this specification is for products manufactured by Kalwall Corporation. Other manufacturers may bid this project as a voluntary deductive alternate.

DAYLIGHTING

1.2.E.1.n and 2.3.A.2.a Daylighting Autonomy report showing proposed translucent daylighting system will provide ___ lux an average of ___% in the day lit areas on a weather weighted average for the entire year.

LEED (8.1 TVIS)

1.2.G Provide computer simulation (RADIANCE) that demonstrates that 75% or more of all regularly occupied spaces achieve daylight illuminance levels of a minimum of 25 footcandles (fc) and a maximum of 500fc in a clear sky condition on September 21 at 9 AM and 3 PM.

LEED

1.2.F This project is designed and will be constructed to be LEED certified. Substitutions, changes or any modification to the design or products specified which would result in a change in meeting the LEED criteria will not be allowed. Submit LEED documentation as required by the LEED program.

LEED (7.2 HEAT ISLAND EFFECT, ROOF)

1.2.H Provide test report verifying that the skylight system meets the minimum Solar Reflectance Index requirements (29 for > 2:12 slope) by ASTM E 408.

WIND-BORNE DEBRIS REGIONS AND HURRICANE PRONE REGIONS

2.3. G Translucent panels must be impact-resistant meeting the requirements of an approved impact-resisting standard or ASTM E 1996 AND ASTM E 1886 as follows; Panels located within 30 feet of grade shall meet the requirements of the Large Missile Level D Test. Panels located more than 30 feet above grade shall meet the provisions of the Small Missile Level A Test.

STATE OF FLORIDA HIGH VELOCITY HURRICANE ZONES

2.3.G. Translucent panel manufacturer, materials and installation shall be currently listed or approved by the Florida Building Commission for use in High Velocity Hurricane Zone. Translucent panel design, materials and installation shall meet current requirements of the Florida Building Code.

EXPLOSION VENTING FACTORY MUTUAL 4440

Add 2.3.E and 2.4.A.4 and refer to page 9.13 of the Technical manual and modify specification sections 2.2 and 2.3 for FM panel components and construction.

AIR AND WATER INFILTRATION

- 1.2.E.1.m. Air Leakage (ASTM E 283)
 - n. Structural Performance (ASTM E 330)
 - o. Water Penetration (ASTM E 331)

1.3.C.2.

Panel system shall have less than 0.01 cfm/ft² air leakage by ASTM E 283 at 6.24 psf (50 mph) and no water penetration by ASTM E 331 @ 20 psf before and after structural testing by ASTM E 330.