



Item Number	Description
1	Min 3" Thick Owens Corning™ Thermafiber® Firespan® 90 mineral wool insulation.
2	Owens Corning™ Thermafiber® Safing™ Insulation 4pcf density mineral wool insulation. Cut to a min. 4" width and stacked to a thickness which is min. 25% greater than the width of linear gap between the curtain wall insulation and the edge of the concrete floor slab. Linear opening width 4" Max.
3	SPECIFIED TECHNOLOGIES INC - SpecSeal AS200 Elastomeric Spray smoke sealant Min. $\frac{1}{8}$ " thickness, to be applied over anchor plates, Owens Corning™ Thermafiber® Safing™ Insulation and $\frac{1}{2}$ " overlap on floor and curtain wall insulation.
4	Owens Corning™ Thermafiber® Impasse® Vertical Hangers. Vertical hangers screw-attached to the interior face of mullions with number 10 by min $\frac{1}{2}$ " long self-drilling, self-tapping steel screws. (As shown in the drawing)
5	Owens Corning™ Thermafiber® Impasse® Horizontal hangers screw-attached to the transom with number 10 by Min. $\frac{1}{2}$ " long self-drilling, self-tapping steel screws. Owens Corning™ Thermafiber® Impasse® Horizontal hangers located on transom within 6" of mullion at each end and spaced max 16" O.C. and one horizontal hanger screw-attached to the Transom as shown in drawing.
6	Mullion Covers Owens Corning™ Thermafiber® Firespan® 90 2" thick mineral wool insulation faced on one side with aluminum foil/scrim vapor retarder, supplied in Min. 24" x 48" boards. 12" wide strips to be centered over mullions.
7	Owens Corning™ Thermafiber® Spiral Anchors $3\frac{3}{4}$ " to be used to secure the framing covers to the curtain wall insulation. Spiral anchors are driven through framing covers and into curtain wall insulation and spaced max 12" O.C.
8	Fire resistance rated concrete floor assembly.
9	Owens Corning™ Thermafiber® — FIRELEDGE™ Min. 12" wide by 2" thick with min. 6" wide section cut down to min. 1" thick mineral wool insulation faced on one side with aluminum foil/scrim vapor retarder. Insulation installed continuous over the curtain wall insulation and vertical mullions at the level of the floor with the min. 1" thick portion extending 2" above the top surface of the floor with vertical seams tightly abutted. Vertical seams in FireLedge™ Insulation must be staggered with vertical seams in Safing Insulation. Insulation panels secured to curtain wall insulation with Owens Corning™ Thermafiber® Spiral Anchors $3\frac{3}{4}$ " installed at a maximum angle of 45° through Safing Insulation, FireLedge™ Insulation, and into Owens Corning™ ThermaSpan® 90 spandrel insulation, at a maximum spacing of 16" O.C. above the floor assembly. Owens Corning™ Thermafiber® Spiral Anchors $3\frac{3}{4}$ " are installed below the floor assembly at a 90° angle through the min. 2" section of the Owens Corning™ Thermafiber® — FIRELEDGE™, and into the Owens Corning™ Thermafiber® FireSpan® 90 at a max 12" O.C.

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Reference UL Design: CW-D-1013

Date Rev. Num. Description

DATE APRV: / / Drawn By: SPR Dimensions  $\pm \frac{1}{32}$ "

Job Name: DRAWING NUMBER: CW-D-1013

Location: City and State: DATE: 03/02/2022



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