American Fiber Cement Corporation

6901 South Pierce Street, Suite 260, Littleton, CO 80128 • 303-978-1199 • 800-688-8677 • FAX: 303-978-0308 • www.americanfibercement.com

# R-TEC CI SYSTEM

The R-TEC CI System for affixing fassade cladding is designed to support all loads on the cladding and customized for each building project. This data sheet collects information on numerous aspects of the building's exterior construction (e.g. exterior insulation type, materials for wall elevations, panel specifications, etc.) in an effort to reduce job site delays and discrepancies.

1. Please fill out this data sheet with as much information as possible. The details gathered from this data are important for engineering considerations; specifically, to design a customized attachment system for your building's exterior cladding.

2. For steel stud framed walls and wood stud framed walls, to increase the speed and efficiency of installing the R-TEC Brackets, mark reference points/lines identifying the center line of wall stud locations at the parapet (roof line) and base of wall (or some other conveniently located reference) before the installation of the exterior sheathing and exterior insulation. This will ensure that the brackets are installed on center of the steel studs as specified in the bracket and profile layout plans.

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# Project Data Sheet

## *Job Contact Information*

| | |
|---|---|
| Job Name: | |
| Job Address: | |
| Phone Contact: | |
| Email: | |
| Contractor & Contact Person: | |

## *Building Specs*

| | |
|---|---|
| Total expanse of façade to receive the R-TEC CI System [$ft^2$]: | |
| Max. building height to which R-TEC is to be applied [ft]: | |
| Type of exterior insulation | ☐ Foam ☐ Mineral wool ☐ Other, specify _____ |
| Insulation thickness [in]: _____ | Is it the same on all wall elevations? ☐ Yes ☐ No<br>If no, what are the thicknesses and corresponding elevations?<br>_____ |
| Compressive strength if foam insulation: | _____ Type of foam: _____ |

## *Wall Construction*

| | | |
|---|---|---|
| Select all materials that are in your different wall elevations (for example, are there steel stud walls as well as masonry walls?) * | | |
| Masonry/concrete wall ☐ Yes Steel stud framed wall ☐ Yes Plywood on wood studs ☐ Yes | | |
| Exterior sheathing over framing ☐ Yes If yes, thickness [in]: _____ Type: _____ | | |
| Other: _____ | | |
| For masonry/concrete walls | Type of CMU: _____ Density: _____<br>Is block ☐ filled or ☐ unfilled? ASTM Spec.: _____ | |
| | Poured/formed concrete: ☐ Yes ☐ No | |
| For steel stud framing | Gauge of steel: | Height of steel studs [in]: |
| | O/C spacing of steel studs [in]: | |
| For plywood on wood studs | Plywood thickness [in]: | |
| | O/C spacing of wood studs [in]: | |
| For exterior sheathing | Type: | Sheathing thickness [in]: |
| For building wrap | Type: | |
| Other wall components | Explain: | |

*For steel stud framing and wall stud framing, be sure to mark the parapet (roof line) and base of wall for drilling reference during installation

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## *Exterior Cladding*

| | |
|---|---|
| Cladding material and type:<br>(attach Data Sheet and Install Instructions) | |
| Fixing type | ☐ Visible ☐ Non-visible ☐ Adhesive |
| Cladding composition (e.g. fiber cement, metal, phenolic, terracotta, etc.) | |
| Panel size [in x in]: _____ | Orientation: What is the horizontal dimension of the panel when applied to the wall? _____ |
| Thickness or gauge if metal [in]: | Weight [lb/ft$^2$]: |
| Design windloads [lb/ft$^2$] / [mph]: | |
| Other load factors: | |

## *Signature Block*

_____ _____
Name Date

_____
Company

_____ _____
Title Signature

## *Additional Information*

Notes? Comments? Any additional information you would like to provide or receive is appreciated.

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