

**SHRINK + SIMPLIFY YOUR SCHEDULE**

# **DIGITAL COMPONENT CONSTRUCTION IS CONVENTIONAL CONSTRUCTION ON STEROIDS**

**FALK**  
**BUILT™**



A large stack of pre-cut metal components, likely for construction, is shown on a pallet. The components are arranged in neat rows. A green sign with the text 'FALK'n RTS' is visible in the background. The image is overlaid with a semi-transparent dark grey diagonal pattern.

**DIGITAL COMPONENT  
CONSTRUCTION:**  
FAMILIAR, FUNCTIONAL **AND** FULLY  
LOADED WITH LATEST AND GREATEST.

Falkbuilt precision manufactures digital components off-site and delivers them pre-cut (with incredible flexibility built in) and ready to be installed, quickly, safely and with virtually no waste onsite.







**1/4 THE LABOR  
+ EASIER TO  
STAY 6FT APART**



Meet new distancing guidelines:

Because Digital Component Construction requires fewer trades onsite, it's easier to meet new distancing guidelines on the job site.



[Watch our headwall build timelapse](#)



# LOSE THE PAIN POINTS

## Digital Component Construction

### **FAMILIAR PROCESS**

It all starts with the ceiling track and ends with space the client loves. But digital components eliminate insulation, drywall hanging and repair, screw inspection, drywall taping, priming and painting. Falkbuilt both shrinks and simplifies the construction schedule.

### **FUNCTIONAL COMPONENTS**

Our digital components have advantages built right in. Super studs are super strong, so they go in every 48." Pre-engineered electrical solutions are pre-mounted on digital horizontals that snap in. Cladding wrapped in cleanable Falkskin clips on the super studs quickly and easily.

### **FULLY LOADED**

Unlike drywall, you don't have to get extra materials, cut anything onsite, arrange for waste bins or haul bins to the landfill. Digital Component Construction includes acoustic solutions, connects easily to the base building and can accommodate deck to deck and other specific needs.

And integrate with Revit with our Echo Dome platform. Meet stakeholders in the cloud, make real-time changes, and save hundreds of hours on every project.



[Watch the Echo Dome video](#)



# SHRINK + SIMPLIFY THE SCHEDULE

## SAVE TIME WITH DIGITAL COMPONENT CONSTRUCTION

With Falkbuilt, you don't need to schedule time for insulation, hanging drywall, a screw inspection, days of drywall taping, then priming and painting, drywall repair, and a final coat of paint.

Rather, after finishing with ceiling and floor tracks, trades put up the Super Studs and affix cladding, quickly and easily.



[Watch how we're faster](#)

## CONVENTIONAL CONSTRUCTION





**30%**  
**LESS MATERIAL**

**“THIS IS HOW WE  
NEED TO INSTALL.”**

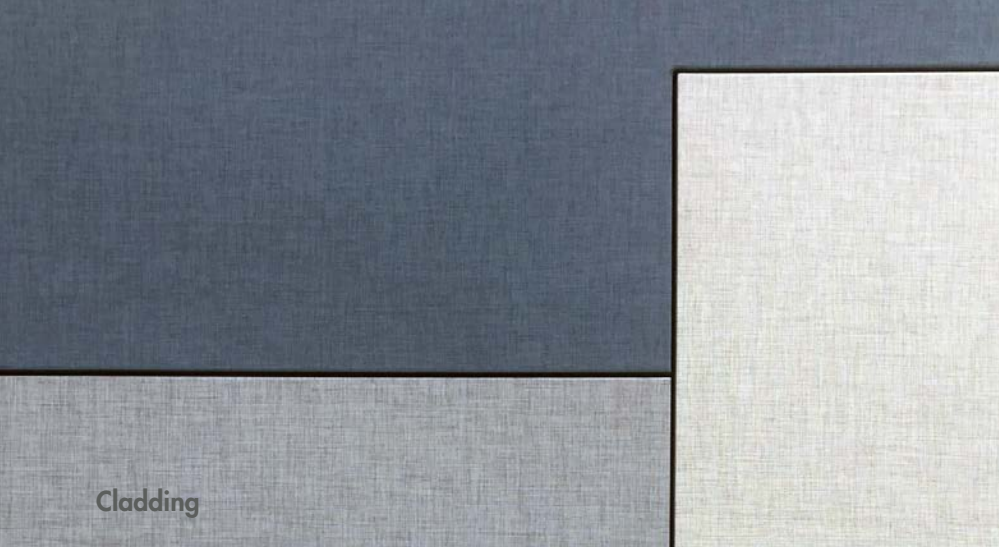
Bill Dowzer, BVN, Oxford Properties  
Innovation competition

**Falkbuilt’s Super Studs are super strong,**  
so we don’t need to use as many of them:  
one every 48 inches, instead every 16 inches  
in conventional construction.



[What contractors are saying](#)





Cladding

Robust cladding clips on the Super Studs, adding structural integrity to the wall. There is no need to add backing for millwork, plumbing or utilities.

Digital horizontals snap into the system and carry structural integrity throughout the framing.



Among other superhero traits, the Super Stud accommodates vertical or horizontal plumbing.



Just like conventional construction, it all starts with a chalk line and ceiling and floor tracks.



# DIGITAL COMPONENTS

## ADJUSTMENT BUILT IN

Super Studs arrive on a skid, the same way standard steel studs do, but our studs are precision cut for the ceiling height and can be used anywhere on the floor. Every Super Stud that arrives onsite is identical, with a 3-inch adjustment at the bottom to cover off the inevitable undulations in the floor of the base building.

Our glass system is a compression fit system, similar to European and exterior window systems, that provides a huge amount of adjustment in the framing itself. The framing fits the size of the space and once it's in, the compression fit snaps together and each pane of glass can be adjusted independently.

## ACOUSTICALLY-SOUND

Super Studs are based on the old split stud and include acoustic resonators. The floor and ceiling tracks also come equipped with acoustic resonators that prevent sound from traveling.

## FALKBUILT SOLID WALL

**STC 47:** Standard solid wall with insulation (ASTM E90)

**STC 41:** Standard solid wall without insulation (ASTM E90)



[Watch our Falkpod video](#)





**WE AREN'T  
INVENTING  
ANYTHING.  
WE'RE  
INNOVATING  
EVERYTHING.**

#### **FALKBUILT GLASS WALL**

Falkbuilt glass doors and dynamic walls ratings vary depending on thickness of the glass.

STC 36 Standard 1/2" glass (clear tempered)

STC 34: Standard 3/8" glass (clear tempered)

STC of 38-48 for double paned glass

#### **QUICK ELECTRICAL**

Falkbuilt's Quick Connect Electrical System makes installation a breeze and gives the electrical contractor flexibility to schedule a crew before the structure is up. We ship Quick Connect extension cables before the rest of the components so the cables can be installed and connected to the junction box in the ceiling before the walls go up. Falkbuilt's system mimics the reliable connectors used in WW2 fighter planes—if they kept planes in the air, they will certainly keep the power on at the office. Installation is a breeze



Framework allows for easy glass wall build



Electrical solutions pre-mounted



# FALKBUILT BRANCHES



**If conventional construction can do it, so can Falkbuilt. If conventional construction can't do it, Falkbuilt probably still can!**

[Call your local Branch](#) and find out what we can build together.



falkbuilt.com