



comstruct

C-Materials ordering agent for the construction site

C-Materials are low value items in huge variety.*

.. and make up the largest part of **ordering & suppliers** in construction.

60%
of all orders

85%
of items.

75%
of suppliers.



Screws, plugs, tapes, sealants, PPE, gloves, drill bits, small tools. Basically the stuff the foreman picks up at the merchant on the way to site.

The Challenge

Build an agentic solution **on top of comstruct** that:

.. is super Intuitive for C-Material ordering (for construction foremen)

.. is controllable for procurement, where you can order material types & has approval processes

.. gets the correct prices from Excel, APIs (PunchOut / IDS).

.. automates supplier contacting, ordering and confirmations



Deliverables - Product

Introduce an agentic ordering flow for C-materials

- For **non-digital natives** on the jobsite
- Handles the fact that they **often don't know exact product names or SKUs**
- Fits into comstruct's role as the **data / procurement backbone** between construction companies and suppliers
- Enables multi-level, automated supplier contacting

Deliverables - Business Case

Define how you would handle suppliers, data and how a business case could look like.

Think about how you would

- ... get data from suppliers and how you would handle different data formats
(EXCEL / Punchout / PDF?)
- ... structure a pilot launch
- ... create a long-term business case for comstruct.

Input we'll give you

- A detailed documentation of the comstruct processes
- Access to comstruct
- A test data set

EXPECTED OUTPUT

User Journey & UX Prototype

Mobile-first flow for a foreman ordering C-materials.

Procurement view showing how they configure assortments.

Technical Concept

Product & price data flows from contracts/Excel, via PunchOut / IDS-style API connection

C-materials Modeling: Product groups, attributes, pricing

Enforcing and storing **approval rules and restrictions**

YOUR DEMO

