

MANUS BUILD BRIEF — Surface Atlas

Copy this entire file into Manus. Do not invent extra product scope.

What to build

A buying map for **TFL / HPL / melamine** within **250 miles of Pell City, AL 35128**.

The user does **not** care about individual colors or design decks.

The site must answer three questions:

1. **Which suppliers carry which manufacturers**
2. **What the order minimum is**
3. **How long it takes** (same-day will-call vs truck vs mill order)

Origin

- ZIP: **35128** (Pell City, Alabama)
- Approx coords used for distance: **33.54738, -86.34596**
- Radius options: 50 / 100 / 150 / 250 miles
- Tone: trade / wholesale. Not a Home Depot catalog. Not a mood board.

Product language (use correctly)

- **TFL** = thermally fused laminate (décor paper fused to particleboard or MDF). Shop floor often says “melamine.”
- **HPL** = high-pressure laminate sheets (Formica, Wilsonart, Pionite, Nevamar). Glued onto a substrate.
- **Compact** = thick solid HPL, no wood core.
- **Laid-up** = HPL already pressed to plywood/particleboard at the distributor.
- **Edgebanding** = matching edge for TFL/HPL programs.
- Do **not** treat TFL and HPL as the same product.

Design rules

- Default view: **manufacturer coverage grid** (house × mill), plus Min / If-stocked / Mill-order columns.
- Secondary: directory list with min + lead + drive time.
- Optional: mind map of mills / houses / mins / lead times.
- Dark, editorial, sparse. No color chips. No fake live inventory.
- Every house: phone, address, hours if known, who they sell to, mill list, min, pickup, truck, mill-order time.
- Footer honesty: compiled August 2026 from manufacturer locators and distributor line cards. Confirm on the phone.

Buying rules (do not water these down)

| Rule | Detail |

|---|---|

1-sheet HPL	Typical at mill DCs, Hood, Mills Dist, retail — ****if the SKU is in stock****
TFL	Typically ****1 unit / pallet (~30–40 of 4×8)****. Broken units only if the branch agrees
Dixieply / Atlantic	Dealer / manufacturer wholesale. Not contractor walk-in. Expect units
Dollar mins	****Not published.**** The real gate is sheet vs unit vs dealer-only + a trade account
Same day	Only if stocked ****and**** you can will-call during published hours
Truck	Typically ****1–3 days**** in that branch's territory
Wilsonart mill HPL	****Published 7–10 business days**** for orders under 100 sheets
TFL mill / non-stock	Typically ****2–6 weeks****
Hood Birmingham will-call	****Published:**** M–F 9a–1p, ****call 1 hour ahead****. Regular hours 7:30a–4:30p

Manufacturer coverage (who stocks whom)

Filled = mill listed on that company's published line card for these branches. Confirm before driving.

| House | Wilsonart | Formica | Arauco | EGGER | Panolam | Pionite | Nevamar | Tafisa |
 Roseburg | Funder | Fenix | Homapal | StyleLite |
 |---|---|---|---|---|---|---|---|---|---|---|---|
 | Rugby ABP (Clanton, Atlanta, Columbus) | • | • | • | • | • | • | • | • | • | • | • |
 | Rugby ABP Chattanooga | • | • | • | • | • | • | • | • | • | • | • |
 | Hood Distribution (Bham, Nashville, Memphis, Mobile) | • | • | • | • | • | • | • | • | • | • | • |
 | Mills Distributors (Homewood, Mobile) | • | • | • | • | • | • | • | • | • | • | • |
 | Wilsonart DCs (Atlanta, Nashville, Oxford, Memphis) | • | • | • | • | • | • | • | • | • | • | • |
 | Dixieply (Atlanta, Nashville) | • | • | • | • | • | • | • | • | • | • | • |
 | Nashville Plywood (Gallatin) | • | • | • | • | • | • | • | • | • | • | • |
 | Atlantic Plywood (Jefferson GA) | • | • | • | • | • | • | • | • | • | • | • |
 | TFL Door (Birmingham fabricator) | • | • | • | • | • | • | • | • | • | • | • |
 | Home Depot metro | • | • | • | • | • | • | • | • | • | • | • |
 | Lowe's metro | • | • | • | • | • | • | • | • | • | • | • |

****[Local takeaway from 35128:****

- Only nearby ****multi-mill TFL floor****: ****Rugby ABP Clanton****.
- Fastest ****Formica****: ****Hood Birmingham**** (exclusive there). No TFL.
- Easiest ****1-sheet Wilsonart + Formica****: ****Mills Homewood****. No TFL.
- Full ****Wilsonart mill line****: Atlanta DC (next Wilsonart after that is Nashville / Oxford / Memphis).
- ****Dixieply**** will not sell a contractor one sheet. Dealer/manufacturer only.

Houses (full records)

Origin miles are approximate road-ish using 55 mph for drive estimate.

1. Rugby ABP — Birmingham / Clanton ★ primary TFL stop

- Kind: specialty distributor · Trade / B2B
- Address: 7198 County Road 51, Clanton, AL 35046
- Phone: 205-664-0224
- Web: <https://rugbyabp.com/branch-locations/birmingham-al/>
- Hours: Office 7a–4p · Will-call 8a–3p CT
- Coords: 32.8387, -86.6294 · ~50 mi
- Mills: Wilsonart, Pionite, Nevamar, Tafisa, Arauco, EGGER, Panolam, Roseburg, StyleLite
- Products: TFL, Melamine, HPL, Edgebanding
- Min: HPL 1 sheet from stock. TFL typically 1 unit (≈30–40 of 4×8). Broken units only if the branch agrees.
- If stocked: same-day will-call
- Truck: 1–3 days in territory
- Mill order: TFL 2–4 weeks; HPL mill/transfer ~1–2 weeks
- Note: Closest multi-mill house. ADENTRA company.

2. Hood Distribution — Birmingham ★ primary Formica stop

- Kind: specialty · Trade
- Address: 210 Finley Ave, Bldg. 7, Birmingham, AL 35204
- Phone: 205-905-5220
- Web: <https://hooddistribution.com/locations/birmingham/>
- Hours: M–F 7:30a–4:30p · Will-call 9a–1p, **call 1 hr ahead** (published)
- Coords: 33.5207, -86.8325 · ~30 mi
- Mills: Formica only
- Products: HPL, Compact
- Min: 1 sheet if in stock. **Not a TFL warehouse.**
- If stocked: same-day will-call with 1-hour notice
- Truck: own fleet, local 1–2 days; they transfer SKUs between Hood branches
- Mill/transfer: typically 3–10 business days
- Note: Formica exclusive at Hood Birmingham and Mobile.

3. Mills Distributors of Birmingham

- Kind: cabinet supply · Trade
- Address: 241 Distribution Drive, Homewood, AL 35209
- Phone: 205-290-2130
- Web: <https://millsdist-bham.com/>
- Hours: Mon–Fri 7:30a–4p
- Coords: 33.4516, -86.808 · ~30 mi
- Mills: Wilsonart, Formica
- Products: HPL
- Min: 1 sheet. No TFL panel program.
- If stocked: same-day counter
- Truck: 1–2 days local. Pickup is faster.

- Special: factory/DC transfer 3–10 days
- Note: Lowest-friction local HPL. Easier than opening a mill DC account.

4. TFL Door / Birmingham Door Works

- Kind: fabricator (finished doors, not 4×8 stock)
- Address: Central Alabama (Birmingham metro) · ZIP listed 35242
- Phone: 205-222-6866
- Web: <https://www.tfldoor.com/>
- Hours: Mon–Fri 7:30a–3:30p
- Coords: 33.4015, -86.734
- Mills they run: Arauco, EGGER, Panolam (confirm)
- Products: TFL doors, TFL, Melamine
- Min: job / made-to-order, not a single slab
- Lead: typically 1–3 weeks after mill program is locked
- Not same-day sheet stock.

5. Home Depot — Birmingham metro

- Kind: retail
- Multiple stores (Trussville, Leeds, Irondale, Hoover)
- Phone: 800-466-3337
- Mills: Wilsonart, Formica (tiny retail SKU list)
- Min: 1 sheet
- If racked: walk out today
- Useless for a cabinet run or mill TFL.

6. Lowe's — Birmingham / Pell City metro

- Kind: retail
- Multiple stores including Pell City
- Phone: 800-445-6937
- Mills: Formica
- Min: 1 sheet. Walk out today if racked. No TFL.

7. Rugby ABP — Columbus

- 6105 Coca Cola Blvd., Columbus, GA 31909
- Phone: 706-565-5337
- Web: <https://rugbyabp.com/branch-locations/columbus-ga/>
- Hours: Mon–Fri 8a–4p · showroom
- Coords: 32.513, -84.943
- Same mill mix and terms as Rugby Clanton.

8. Rugby ABP — Atlanta

- 330 Patton Dr. SW, Atlanta, GA 30336
- Phone: 404-699-3900

- Web: <https://rugbyabp.com/branch-locations/atlanta-ga/>
- Hours: Office 8a–4p · Will-call 9a–2p
- Coords: 33.74, -84.55
- Same Rugby mill mix. Largest decorative warehouse in the radius. Best odds of a broken TFL unit in stock.

9. Wilsonart Distribution — Atlanta

- 2323 Park Central Blvd, Decatur, GA 30035
- Phone: 770-593-2424
- Web: <https://www.wilsonart.com/atlanta>
- Hours: Office 7:30a–4p · Pick-up 7:45a–3p
- Coords: 33.726, -84.226
- Mills: **Wilsonart only**
- Products: HPL, TFL, Compact, Edgebanding
- Min: HPL 1 sheet on a commercial account. TFL often panel/unit — ask the DC.
- If stocked: same-day during pick-up hours
- Truck: 1–3 days in DC radius
- Mill: **published 7–10 business days for HPL orders under 100 sheets.** TFL mill 2–6 weeks if not in the DC.
- Account: Wilsonart commercial. No Formica / Arauco / EGGER.

10. Dixieply — Atlanta

- 2803 Pleasant Hill Road, Duluth, GA 30096
- Phone: 678-957-4500
- Web: <https://dixieply.com/branch/atlanta>
- Coords: 33.9601, -84.162
- Mills: EGGER, Funder America, Arauco
- Products: TFL, Melamine, HPL, Laid-up, Edgebanding
- Min: dealer / manufacturer **unit quantities**. Not public walk-in. They will send a contractor to a lumberyard.
- Truck: 1–3 days for approved accounts
- Mill: TFL 2–6 weeks. Laid-up depends on press schedule.

11. Atlantic Plywood — Jefferson (Atlanta)

- 540 Hog Mountain Road, Suite 110, Jefferson, GA 30549
- Phone: 800-899-8122
- Web: <https://www.atlanticplywood.com/location/jefferson-ga/>
- Hours: Mon–Fri 7:30a–4:30p
- Coords: 34.117, -83.5724
- Mills: Formica, Fenix, Homapal
- Products: HPL, Compact. **No TFL.**
- Min: 1 sheet for approved wholesale accounts if stocked
- Who: lumber dealers / manufacturers. **No contractor walk-in.**

- Delivery: they advertise next-day in Atlanta / east-AL / Chattanooga service area
- Special: Formica mill and Fenix/Homapal typically 1–3 weeks if not on the floor
- Note: different Formica channel than Hood.

12. Rugby ABP — Chattanooga

- 109 Industrial Park Dr., Soddy-Daisy, TN 37379
- Phone: 423-332-1377
- Web: <https://rugbyabp.com/branch-locations/chattanooga-tn/>
- Hours: Mon–Fri 8a–4p
- Coords: 35.2359, -85.1908
- Same Rugby mix minus StyleLite on the published Chattanooga list. Same unit min / lead terms.

13. Hood Distribution — Nashville

- 2801 Murfreesboro Pike, Antioch, TN 37013
- Phone: 615-793-7746
- Web: <https://hooddistribution.com/locations/nashville/>
- Coords: 36.06, -86.6722
- Formica only. Same Hood 1-sheet terms. Call ahead for will-call.

14. Wilsonart Distribution — Nashville

- 1641 Lebanon Pike Circle, Nashville, TN 37210
- Phone: 615-292-2188
- Web: <https://www.wilsonart.com/nashville>
- Hours: Store 7a–4p
- Coords: 36.152, -86.72
- Wilsonart mill DC. Postform tops on site. Same Wilsonart terms as Atlanta.

15. Dixieply — Nashville

- 3225 Franklin Limestone Road, Nashville, TN 37013
- Phone: 615-331-3641
- Web: <https://dixieply.com/branch/nashville>
- Coords: 36.068, -86.72
- Same Dixieply dealer terms. Published coverage runs south beyond Birmingham.

16. Nashville Plywood

- 625 Jamison Dr., Gallatin, TN 37066
- Phone: 615-320-7877
- Web: <https://www.nashvilleplywood.com/>
- Hours: Mon–Thu 7a–4p
- Coords: 36.3884, -86.4467
- Mills: Arauco, EGGER
- Products: TFL, Melamine. **No Wilsonart/Formica HPL.**

- Min: typically 1 TFL unit. Ask if they will break a stocked unit.
- If stocked: same-day will-call Mon–Thu
- Truck: 1–3 days Middle Tennessee
- Mill: 2–6 weeks

17. Wilsonart Distribution — Oxford

- 98 County Road 122, Oxford, MS 38655
- Phone: 662-513-0293
- Web: <https://www.wilsonart.com/locations>
- Coords: 34.3665, -89.5186
- Wilsonart lists extra **TFL panel stock** here. Products: TFL, Melamine, HPL. Same mill-DC terms.

18. Hood Distribution — Memphis

- 4060 Pilot Drive, Memphis, TN 38118
- Phone: 901-794-1050
- Web: <https://hooddistribution.com/locations/memphis/>
- Coords: 35.04, -89.94
- Formica. Pair with Wilsonart Memphis.

19. Wilsonart Distribution — Memphis

- 4456 Malone Rd., Memphis, TN 38118
- Phone: 901-236-0499
- Web: <https://www.wilsonart.com/locations>
- Coords: 35.038, -89.91
- Wilsonart mill DC, west rim of the 250-mile ring.

20. Hood Distribution — Mobile

- 6030 Rangeline Rd, Theodore, AL 36582
- Phone: 251-432-2322
- Web: <https://hooddistribution.com/locations/mobile/>
- Coords: 30.5477, -88.175
- Formica exclusive on the Gulf. Edge of radius.

21. Mills Distributors — Mobile

- 610 Schillinger Road South, Mobile, AL 36695
- Phone: 251-639-0522
- Web: <http://millsdistributors.com/>
- Hours: Mon–Fri 7:30a–4p
- Coords: 30.6775, -88.226
- Wilsonart + Formica HPL, 1-sheet. No TFL.

Company-level term blocks (reuse across branches)

****Rugby ABP**** — Trade/B2B. HPL 1 sheet from stock. TFL usually 1 unit. Same-day will-call if tagged. Truck 1–3 days. Non-stock TFL 2–4 weeks. HPL mill ~1–2 weeks.

****Hood Distribution**** — Trade. Formica exclusive at Birmingham and Mobile. 1 sheet HPL/Compact. Same-day will-call (Birmingham publishes 9a–1p / 1-hour notice). Own fleet 1–2 days local. Mill/transfer 3–10 days. Not TFL.

****Wilsonart DC**** — Commercial account. Wilsonart only. HPL 1 sheet. Same-day if on that floor. Truck 1–3 days. Published 7–10 business days for HPL mill orders under 100 sheets. TFL mill 2–6 weeks.

****Dixieply**** — Wholesale to lumber dealers and manufacturers only. Unit quantities. Not walk-in. TFL mill 2–6 weeks.

****Mills Distributors**** — Cabinet shops. Wilsonart + Formica HPL. 1 sheet. Same-day counter. No TFL.

Sources (August 2026)

- Rugby ABP branch + product pages (TFL/HPL mill list: Arauco Prism, EGGER, Panolam, Roseburg, Tafisa, Wilsonart, Pionite, Nevamar, StyleLite)
- Hood Distribution Birmingham hours page (will-call 9a–1p, 1-hour notice) and laminate/Formica pages
- Wilsonart Atlanta / Nashville location pages; Wilsonart Q&A (7–10 business day HPL lead for orders under 100 pieces)
- Dixieply Atlanta (“wholesale distributors only”) + EGGER / Funder / Arauco line
- Atlantic Plywood Jefferson (Formica / Fenix / Homapal, wholesale only)
- Mills Dist Birmingham; Nashville Plywood (Arauco Prism + EGGER); TFL Door
- Retail Home Depot / Lowe’s: 1-sheet HPL only

What Manus must NOT do

- Do not scrape or display individual color names as the product.
- Do not claim live inventory.
- Do not list Hood as a TFL house.
- Do not list Wilsonart DCs as carrying Formica / Arauco / EGGER.
- Do not treat Dixieply or Atlantic as contractor walk-in 1-sheet shops.
- Do not invent dollar minimums. They are unpublished.
- Do not add auth, accounts, or a shop cart.

Suggested UI copy

Title: Surface Atlas

Deck: Who carries which mill, what the minimum is, and how long it takes — same-day will-call vs truck vs mill order. Not a color deck.

Footer: Compiled August 2026 from manufacturer locators and distributor line cards. Minimums and lead times are published or typical trade practice. Call before you drive.