

MAKERSPACE|STEM|CTE COLLECTION STORAGE SPECIFICATION

Makerspace|STEM|CTE Collection Storage Overview

Pulling from other Fleetwood storage and table offerings, the Makerspace Collection's clean aesthetic is mixed with rugged, flexible performance to support the way makers' make. The multi-purpose storage units with overhanging tops create countertop-height environments so students can easily sit on stools, stand or perch while working on projects. This built-in agility, heightened by a dedication to long-term durability, runs throughout the line. The result is evidenced in non-dedicated object storage, large casters that improve stability and mobility; completely sealed particleboard shelving to eliminate rust exposure; and overhanging worksurfaces made of chemical-resistant materials or wood butcherblock to withstand abuse. Fleetwood's robust, metal-legged desks and tables complete the makerspace environment and are designed to dampen vibration when students create or experiment. Like other Fleetwood products, all units are Michigan-made and completely sealed and finished. Most units, with the exception of some worksurfaces, ship fully assembled for quick installation and are backed with a lifetime warranty.

Types of storage units:

- Pedestals
- Project cart
- Mid-height tray storage (open and closed)
- Mid-height cubby storage (open and closed)
- Tall-height storage with shelves (open and closed)
- Workstations with overhanging worksurface
 - Shelf storage (open and closed in both single and double-sided storage options)
 - Cubby storage (open and closed in both single and double-sided storage options)
- Printer cart
- Presentation carts
- *NOTE: Makerspace products are compatible with Designer Collection storage if other storage pieces are desired.*

Standard features:

- ¾" thick 45lb. density particleboard substrate with a balanced construction of color-matched, thermally fused laminate (TFL) on both sides of all horizontal and vertical outer and internal storage panels and shelves, except bottom panels. Bottom panels constructed of 1" thick 45lb particleboard.
- Permanently attached 3mm color-matched or coordinating PVC edgeband with ergonomic 1/8" radiused edge bonded with hot-melt adhesive and trimmed flush on top, bottom and sides of all visible portions of cabinets to create pry-proof edges and structural integrity
- All particleboard worksurfaces have 1" thick 45lb. density particleboard substrate and feature balanced construction with either 1) color-matched thermal fused laminate (TFL) on both sides for all other worksurface or 2) high pressure laminate (HPL) on top and 5mm cabinet liner backer on bottom of worksurface
- In addition to standard TFL and HPL, chemical resistant HPL, markerboard HPL, custom HPLs and phenolic resin materials are available for worksurfaces.
- All chemical resistant phenolic resin worksurfaces feature a solid 1" thick composite resin that is black with a smooth corner. All top and bottom horizontal edges have an ergonomic 1/8" bevel and vertical corner edges have a 1/16" radius. Worksurfaces have drip grooves around perimeter.
- All maple block worksurfaces are 1-3/4" thick and feature Michigan solid maple butcherblock construction with naturally occurring color variation. Individual solids are bonded together under controlled pressure with resin adhesives. Maple is unstained and finished with environmentally friendly DuraKryl 102 coating to protect and preserve surface from moisture.
- Perforated magnetic steel 18-gauge backs on storage to support hanging and posting of materials in classrooms
- Chrome metal L-bracket and screw butt-joint construction with screws contained to inside of unit. #10 sized screws utilized. Structural 1"x1" steel angle integrated to control deflection as needed on tops and shelving.
- Cabinets secured to plate-mounted casters with four 5/16x1" Hex head lag bolt per caster

- Stem-mounted 100mm diameter casters with twin wheel swivel with non-marking thermoplastic elastomer tread for quiet use on hard or carpeted flooring. Nylon casters tested to hold 225 pounds and roll over uneven surfaces.
- ¾" thick particleboard shelving secured with metal screws so shelving cannot be accidentally dislodged
- Shelf placement holes on 32mm increments to allow for shelf repositioning in field
- 1.5" diameter cable passthrough in back of presentation carts
- Gratnell-brand insertable frosted tray storage units with interchangeable, durable polypropylene trays in 3", 6" and 12" heights and are 12-1/2" wide and 17" deep. When not in unit, trays may be nested or stacked.
- 20-gauge cold-rolled steel drawer construction on box and file drawers mounted to 16", non-binding full-extension drawer slides on both box and file drawers. Drawers finished with electrostatically applied powder coating.
- Hinges are European style with 125-degree swing and soft close feature
- Individual drawer and door cylinder-type locking mechanisms on closed storage units keyed alike within the cabinet.
- Door and drawer pulls are ADA compliant arch-shaped pulls that are 128mm on center, 132mm in length with 29mm projection
- 100% factory-assembled storage. Units can be rolled into place with no assembly required in field for quick and easy installation
- Cloth blanket wrapped and cartoned packaging options available. If cartoned, skids are made from recycled materials.

Optional features:

- High pressure laminate (HPL) for worksurfaces
- Chemical resistant HPL for worksurfaces
- Chemical resistant phenolic-resin worksurfaces for worksurfaces
- Maple block worksurfaces
- Custom LPL through specials request process
- Plastic tray combination options (3", 6" and 12" high) on all units with tray storage
- Additional shelves available for purchase

Surface materials palette:

- Proprietary TFL colors: 20
- Proprietary HPL colors: 21
- Wilsonart HPL laminates in 38 or 60 sheen finish

Warranty highlights:

- Fleetwood brand products are warranted to be free of defects in materials and workmanship for the life of the product.
- Normal wear-and-tear is not covered under warranty. Inappropriate application, incorrect installation, unauthorized alterations, improper maintenance, misuse, abuse or accident nulls warranty.
- Fleetwood will repair or replace free-of-charge any component that fails under normal use or provide refund or credit.
- Consumables, natural variations in product, and select non-standard products not covered under lifetime warranty.
- Some products have limited life coverage of 3, 5 or 12 years.
- See full warranty statement for details.

Fleetwood®

For help creating your effective learning environment,
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