

Practical Collection Storage Solutions



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2005 HHI

HERITAGE HEALTH INDEX

Fig. 6.4 Percentages of Institutions' Collections Stored in Areas Large Enough to Accommodate Them Safely and Appropriately

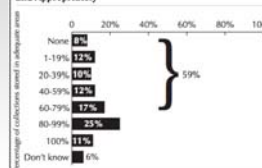
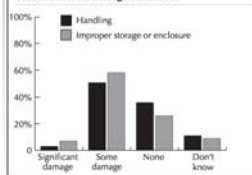


Fig. 6.5 Institutions Reporting Causes of Damage to Collections from Storage Conditions



59 PERCENT OF INSTITUTIONS SURVEYED STORE MAJORITY OF COLLECTIONS IN AREAS TOO SMALL TO SAFELY ACCOMMODATE

65 PERCENT OF INSTITUTIONS SURVEYED REPORT COLLECTIONS DAMAGE DUE TO IMPROPER STORAGE

WHILE 90 PERCENT OF COLLECTIONS WORLDWIDE ARE KEPT IN STORAGE...

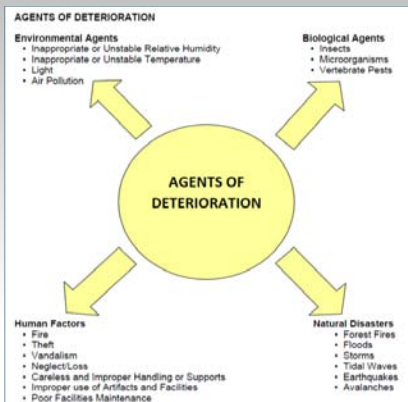
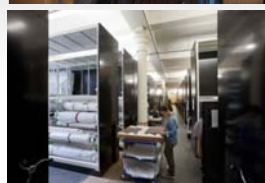
IN 1 OUT OF 3 MUSEUMS THERE IS NO DESIGNATED PERSON RESPONSIBLE FOR THE STORAGE AREA

25% OF STORAGE AREAS ARE SO OVERFILLED THAT ONE CANNOT GET FROM ONE END OF THE ROOM TO THE OTHER

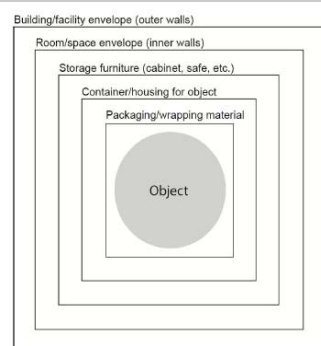


THEFT IS A MAJOR PROBLEM IN 1 OUT OF 10 MUSEUMS

Storage Areas



Multi Layered Protection



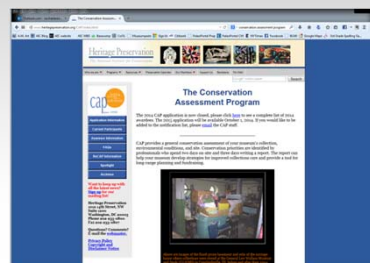
Modifications/Improvements

- Building level
- Room level
- Drawer or shelf level
- Object level

Remember: the material in direct contact with the object should be the most stable!

Building Level Resources

- Conservation Assessment Program (CAP)

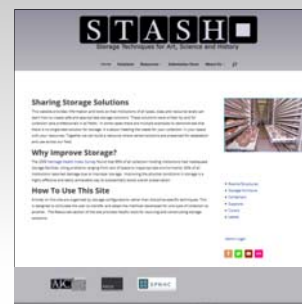


Room Level Resources

RE-ORG <http://re-org.info/en>

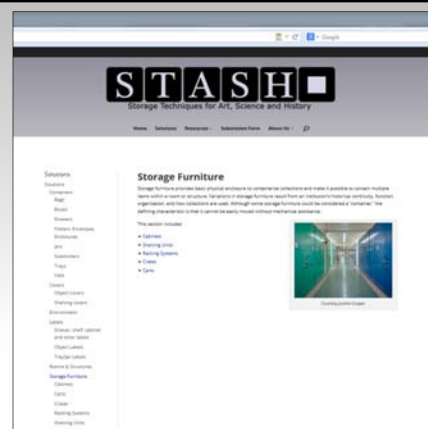


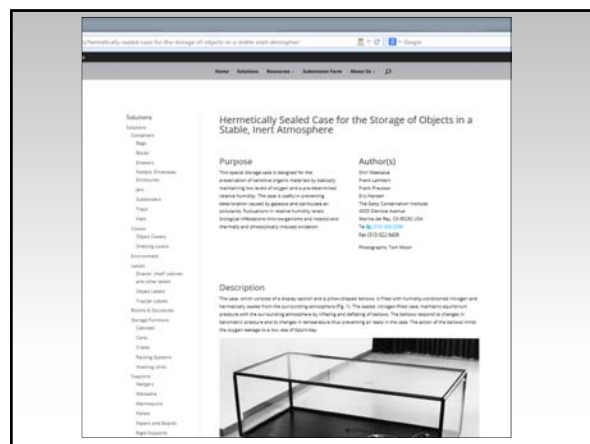
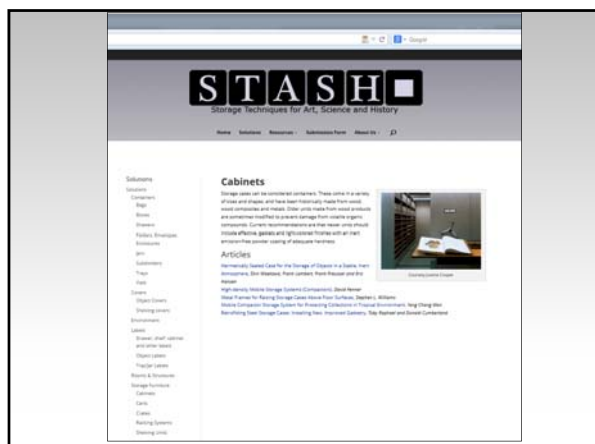
Drawer/Shelf & Object Resources



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WHAT DO WE MEAN BY "PRACTICAL" STORAGE TIPS?



- CAN BE READILY IMPLEMENTED BY STAFF OR VOLUNTEERS WITH SOME TRAINING
- DO NOT REQUIRE MAJOR CHANGES TO BUILDING SYSTEMS OR STRUCTURE



- CHEAP
- QUICK
- CONVENIENT

Prioritizing

Limited collections care budget?
Determine which portions of your collection are most at risk due to improper storage and tackle those first.

STORAGE FURNITURE

- Cabinets
- Shelving Units
- Racking Systems
- Carts
- Crates



Powder Coated Steel Shelving



Chrome Plated Steel Shelving



Shelf Liners



Storage Furniture: Gasketed & Other Cabinetry



Ceiling Supported



Floor Free Standing



Floor Supported

COMPACT
ROLLING
STORAGE
RACKS FOR
PAINTINGS



Convertible

TEXTILE STORAGE: ROLLED compact storage



Modular Powder
coated steel Paintings
Storage Bins
Sold in 12" increments
Adjustable shelving
height



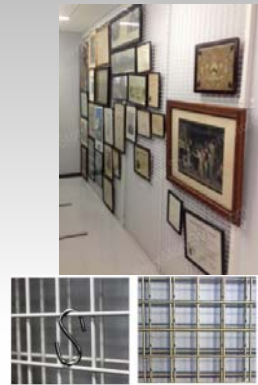
PAINTINGS BIN WITH RODS



Wood Shelving



HANGING PAINTING STORAGE: Wall mounted racks



TEXTILE STORAGE: ROLLED: alternative



TEXTILE STORAGE: FLAT on shelves



Rehousing: useful tools and equipment



Materials for Safe Storage



All the white stuff: choose
undyed, unbleached textiles
and wash before use

Don't be penny wise and pound foolish!



Materials Testing - The Oddy Test

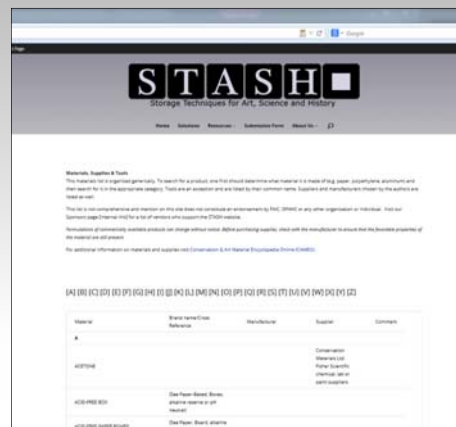


Control (above) Failure (below)



Material subjected to high temp & RH with metal coupons.

Significant corrosion indicates a problem.



Polyethylene Foam



Ethafoam®
Volara®
Cellucushion
Minicell



Triangular Backer Rod



Round Backer Rod

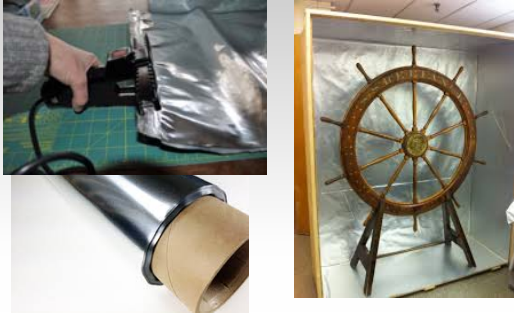


Many sizes and uses, as above can be used to make support ring for ceramic storage

Teflon Tape



Marvelseal



Tyvek Sheet



Polyester Batting



Polyester Batting can be used to Tyvek pillows to pad out creases or areas in need of support. The pillows at left are moccasin forms

"I got a container question"

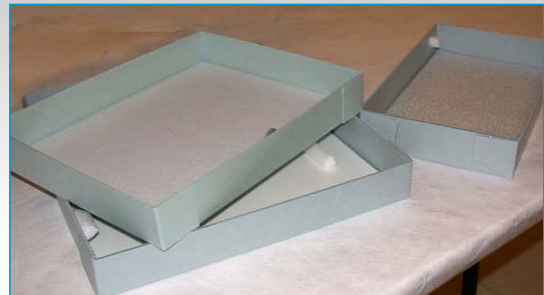


Corrugated Polypropylene Board (Coroplast®)



Pre-made tab and slot construction

Acid-Free Corrugated Paper Board



- Ethylene vinyl acetate copolymer
- Low temperature hot melt glue for paperboard and foam
- High temperature hot melt glue for Coroplast

Hot Melt Glue



CONTAINERS

- Folders
- Enclosures
- Bags
- Boxes
- Drawers
- Trays
- Subdividers
- Jars & Vials



Bags



Boxes

- A box is a storage container that has sides that are usually taller than the object. Various kinds include ones with a lid, clamshell style with lid, no lid, or a drop-front.



- Write number on outside of box on two adjacent sides;
- Use with bumpers to provide support
- Cushion when needed
- Use with dividers (board or paper accordion for example)
- Use with layered trays inside to increase object density
- Good for fragile objects like glass or coral



Trays



- A tray is a kind of box with low sides. If the sides are high enough to protect the full object, we often call it a box. If there are no sides at all, we call it a pallet.
- This custom tray is made from Coroplast and tri-rod ethafoam

More Trays



Outfitting Trays: Blocking Items Using Tri-Rod



Supports

- Pallets
- Papers & Boards
- Tubes
- Rigid Supports
- Malleable Supports
- Mannequins
- Hangers
- Taxidermy



Palette Solutions



A pallet is a flat sheet of stiff archival board like blueboard or Coroplast that is the foundation for securing an object. It has no sides, unlike a box or tray. Twill tape ties are often used to attach the item/s

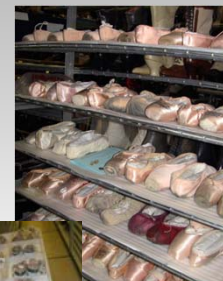
Palettes for Boxes



Tubes



Malleable supports



Malleable supports: Bean Bags



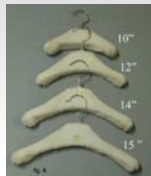
Backer rod supports



Padded hangers



Old School method :
removable
washable sewn 100%
cotton
muslin cover



Padded hangers



LTST!

COVERS

- Shelving covers
- Object covers



Textile Covers



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