Bilge Corrosion and Coating Maintenance

NSRP SPC Survey

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June 22, 2011

[SURVEY PREVIEW MODE] Bilge Preservation Survey - Internet Explorer provided by Dell

http://www.surveymonkey.com/s.aspx?PREVIEW_MODE=DO_NOT_USE_THIS_LINK_FOR_COLLECTION&sm=UccNkyOqj0Iw9pbOpzR6vxAe9XCBLdWgJAXA0o78HkQ%3d

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Bilge Preservation Survey

Exit this survey

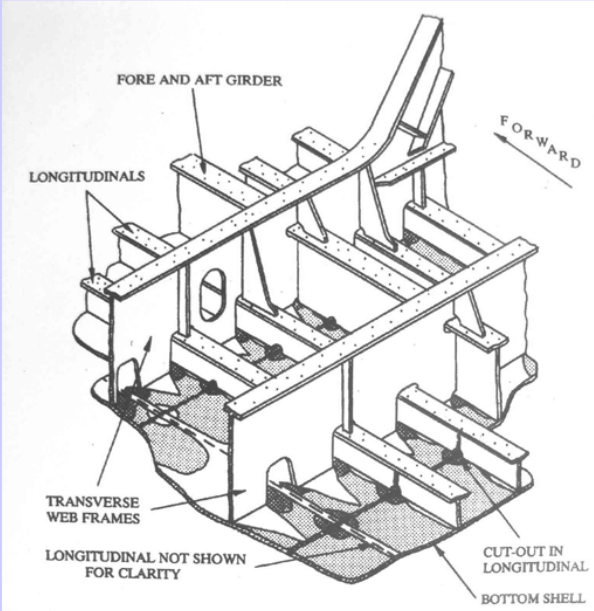
1.

The goal of this survey is to identify production and cost metrics for painting practices in Bilges and Wet spaces. This survey intends to gather production and cost estimates on specific painting tasks associated with coating bilges with either one-coat or two-coat high solids paints. The focus is on a painting process that requires excessive man hours in mixing and application in complex configurations, geometries, and components found in bilges. As a result of the survey, we hope to identify paint application processes and equipments which can improve production rates, improve quality, and reduce hazardous wastes. The survey should identify current problems and solutions to dealing with hot potting small repair kits of high solids coating with short pot life.

Your input and assistance in providing meaningful data will allow us to focus in on key painting steps that need to be addressed to help reduce Total Ownership Costs.

If possible, please provide this data within one week.

Typical Bilge Areas with Access Limitations



Next

100%

2. Bilge Preservation Survey

1. For 1000 sq.ft. of bilge preservation, what percentage of a complex bilge job:

can be sprayed? _____

is brushed and/or rolled? _____

2. For hand application (Brush or Roll) does the pot life limit the useful working time?

- ○ Yes
- ○ No

3. What type of surface prep was used?

- ○ Hand power tools
- ○ Sponge blasting
- ○ Other (please specify)

_____

4. For the brush & roll applications, what is the typical size of the container the material is purchased in?

- ○ 5 gallon
- ○ 1 gallon
- ○ Other (please specify)

_____

5. For the brush & roll applications, what is the typical mix amount (broken kit) used for this application?

- ○ Pint
- ○ Quart
- ○ Half gallon
- ○ Broken kits are not used
- ○ Other (please specify)

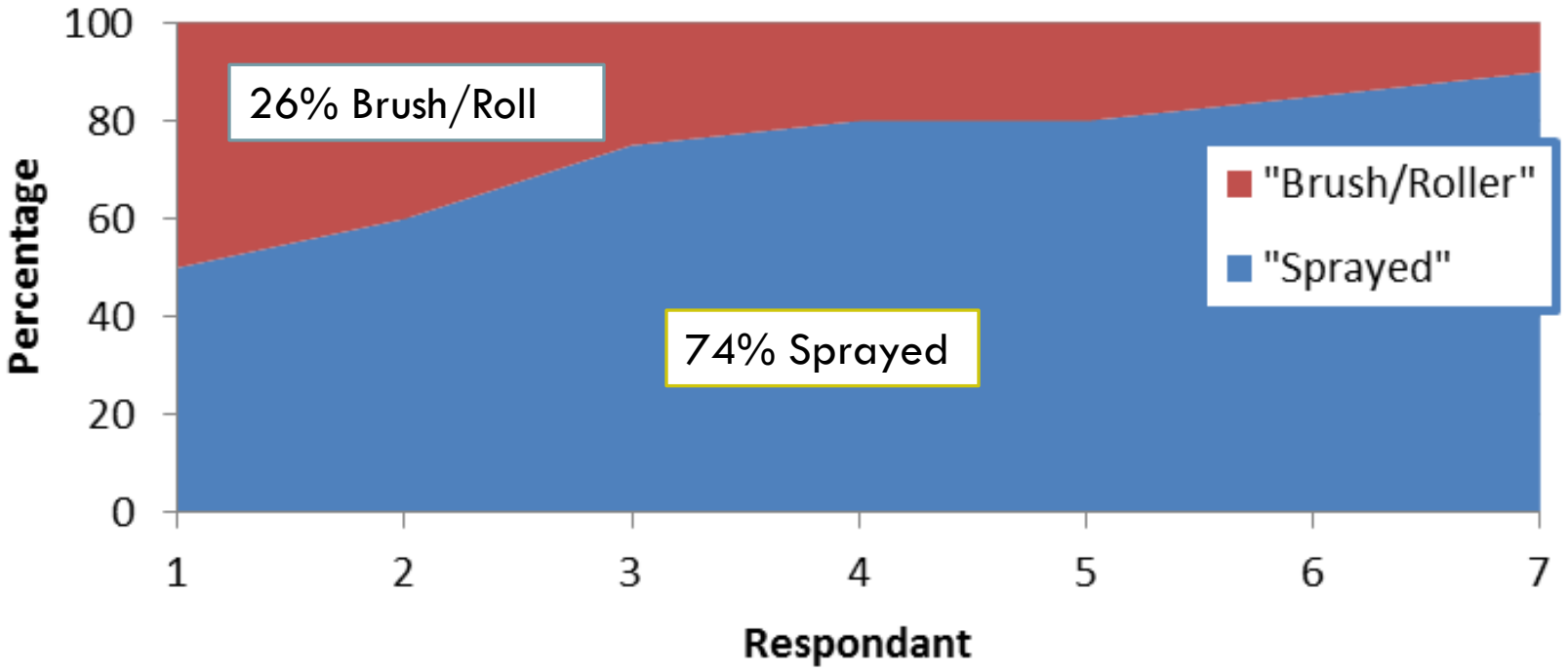
_____

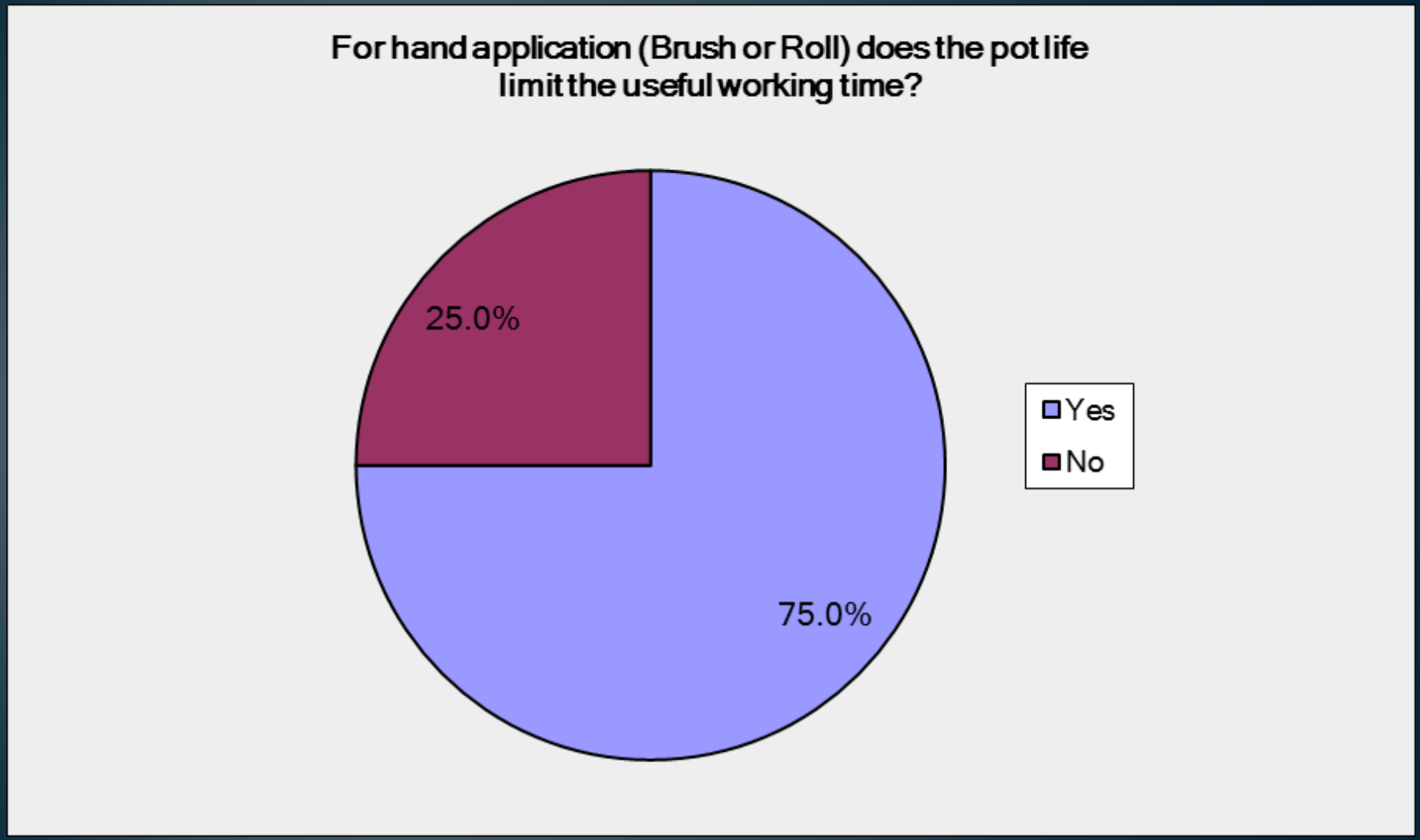
6. Estimate the time it takes to break a kit of paint, mix, etc. Consider the time for; opening component A and mixing, opening component B and mixing, measuring out component A and component B into a bucket, and time

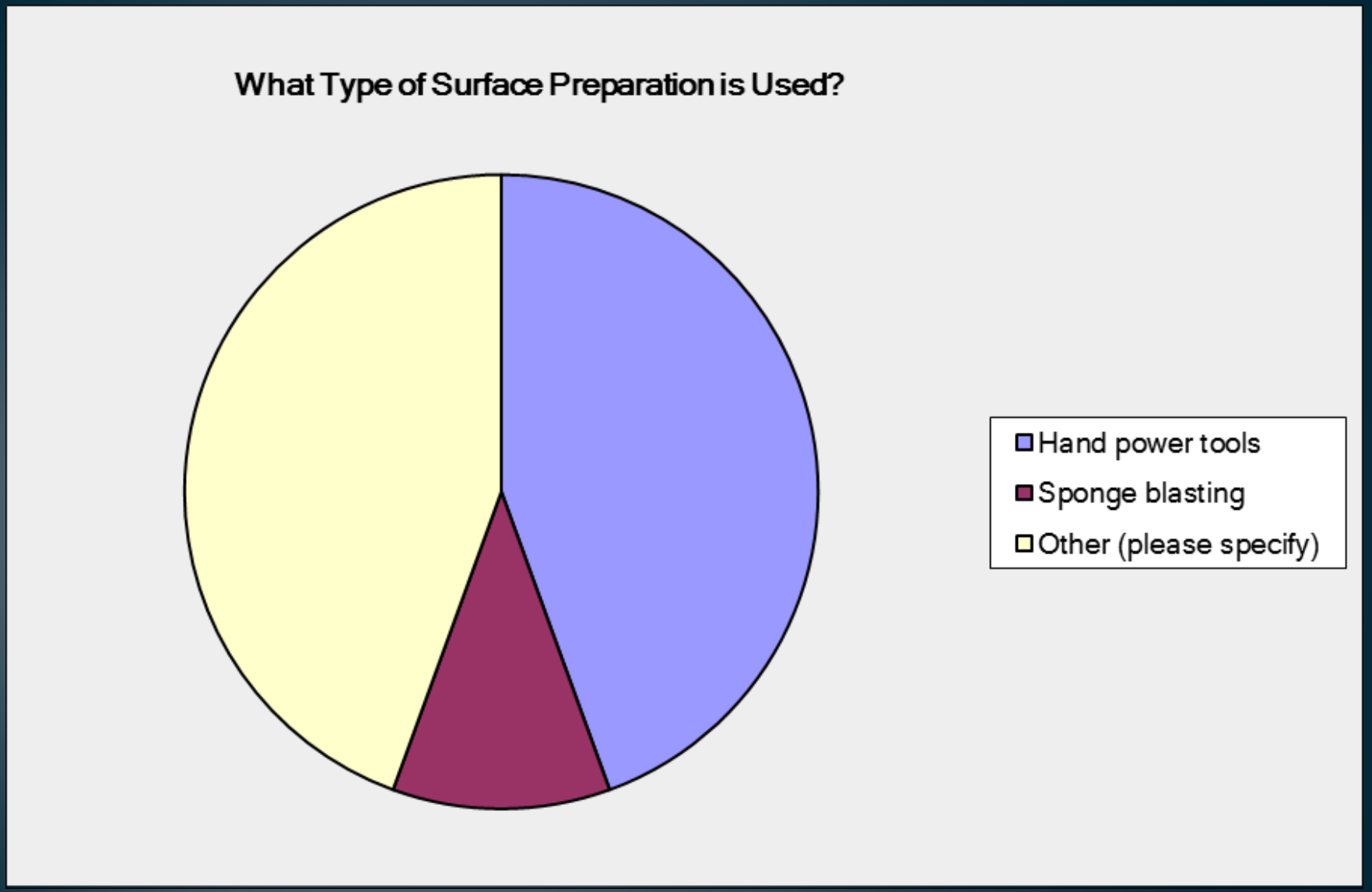
- ○ 15 minutes
- ○ 20 minutes
- ○ 25 minutes
- ○ 30 minutes
- ○ Other (please specify)

_____

Suitable application method for a complex bilge job



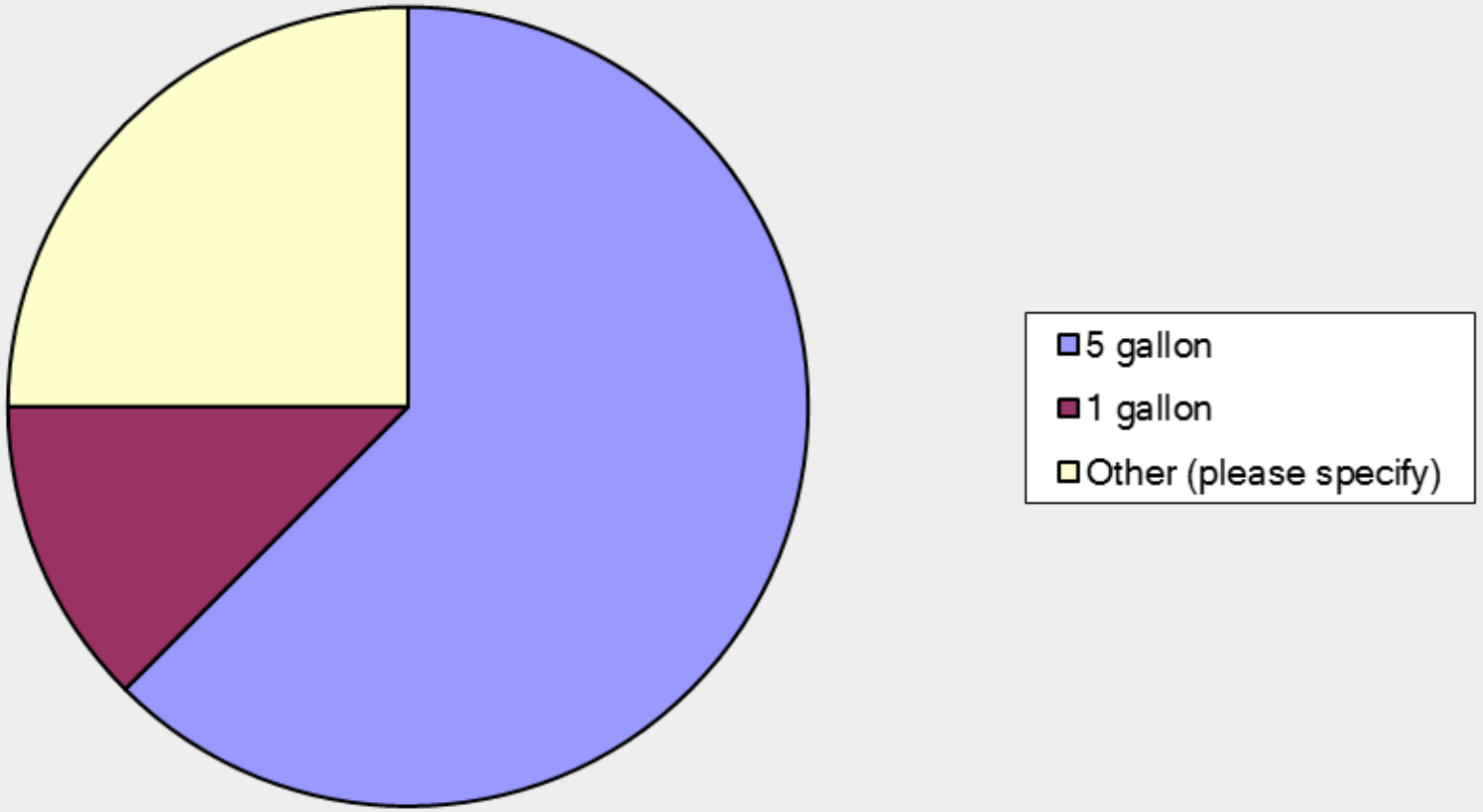

For hand application (Brush or Roll) does the pot life limit the useful working time?
25.0%
75.0%
Yes
No

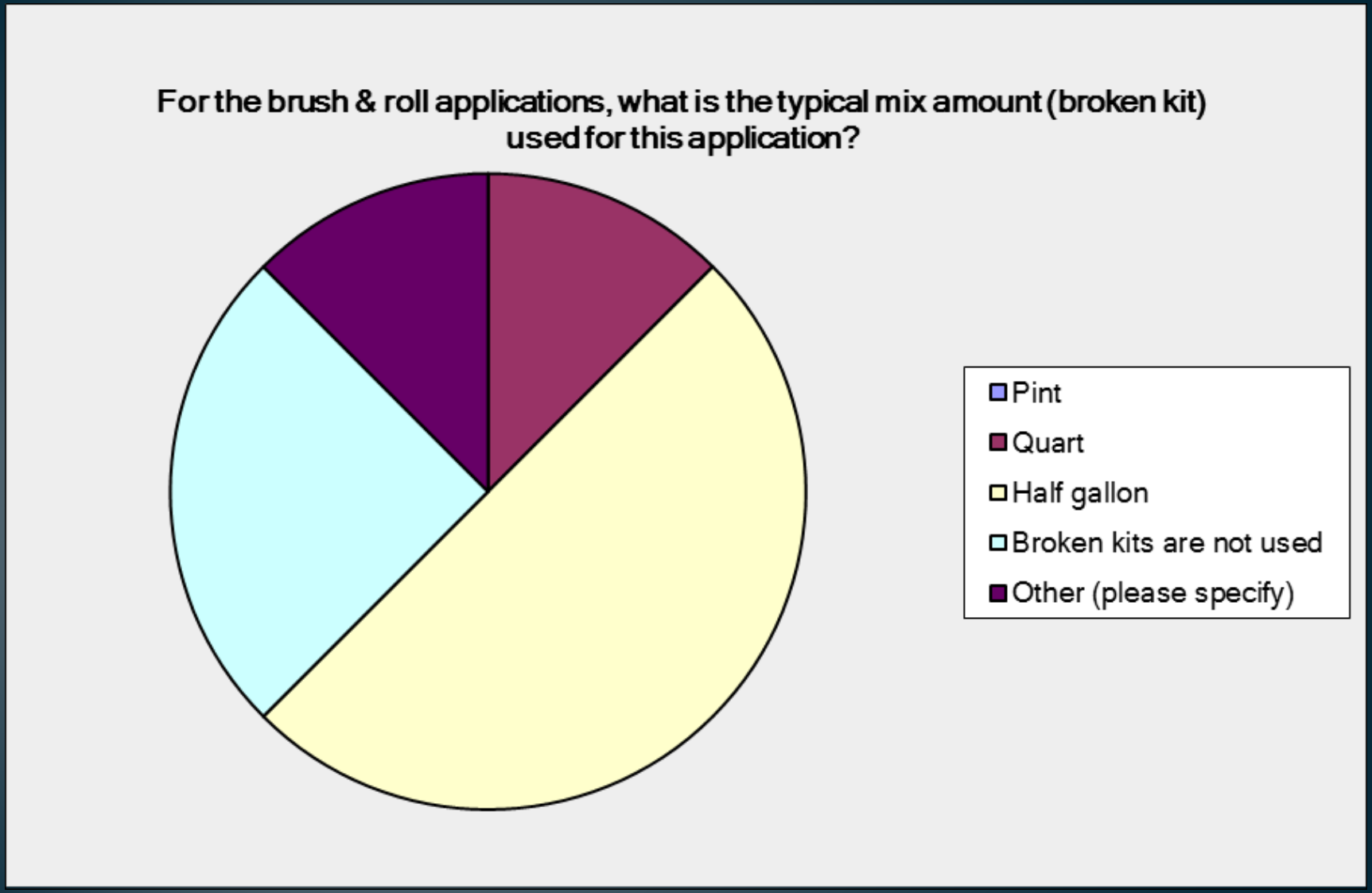


Other answers:

Slag Blasting, electrolytic descalling, “both,” New Construction - SSPC-SP10 & SP11

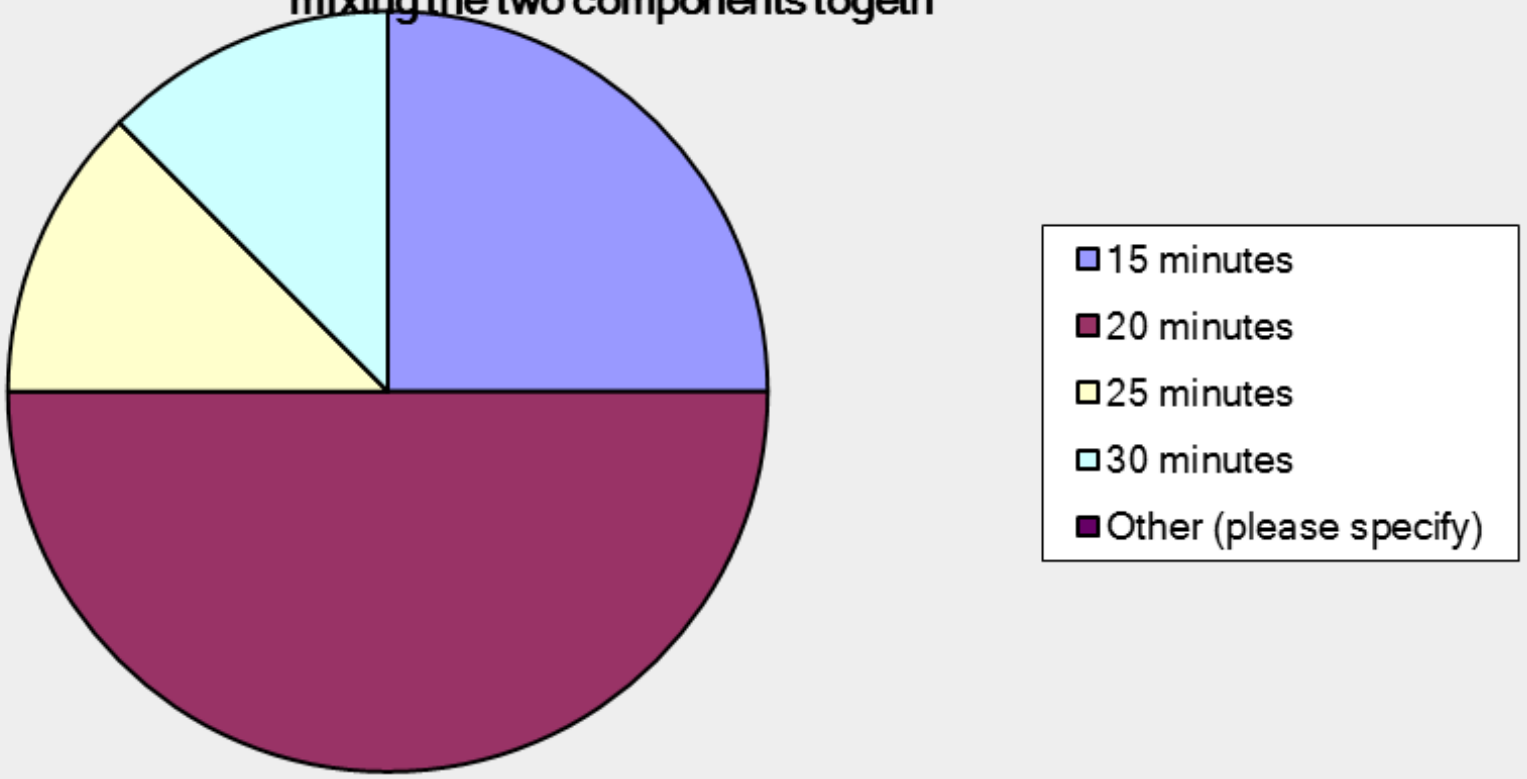
For the brush & roll applications, what is the typical size of the container the material is purchased in?



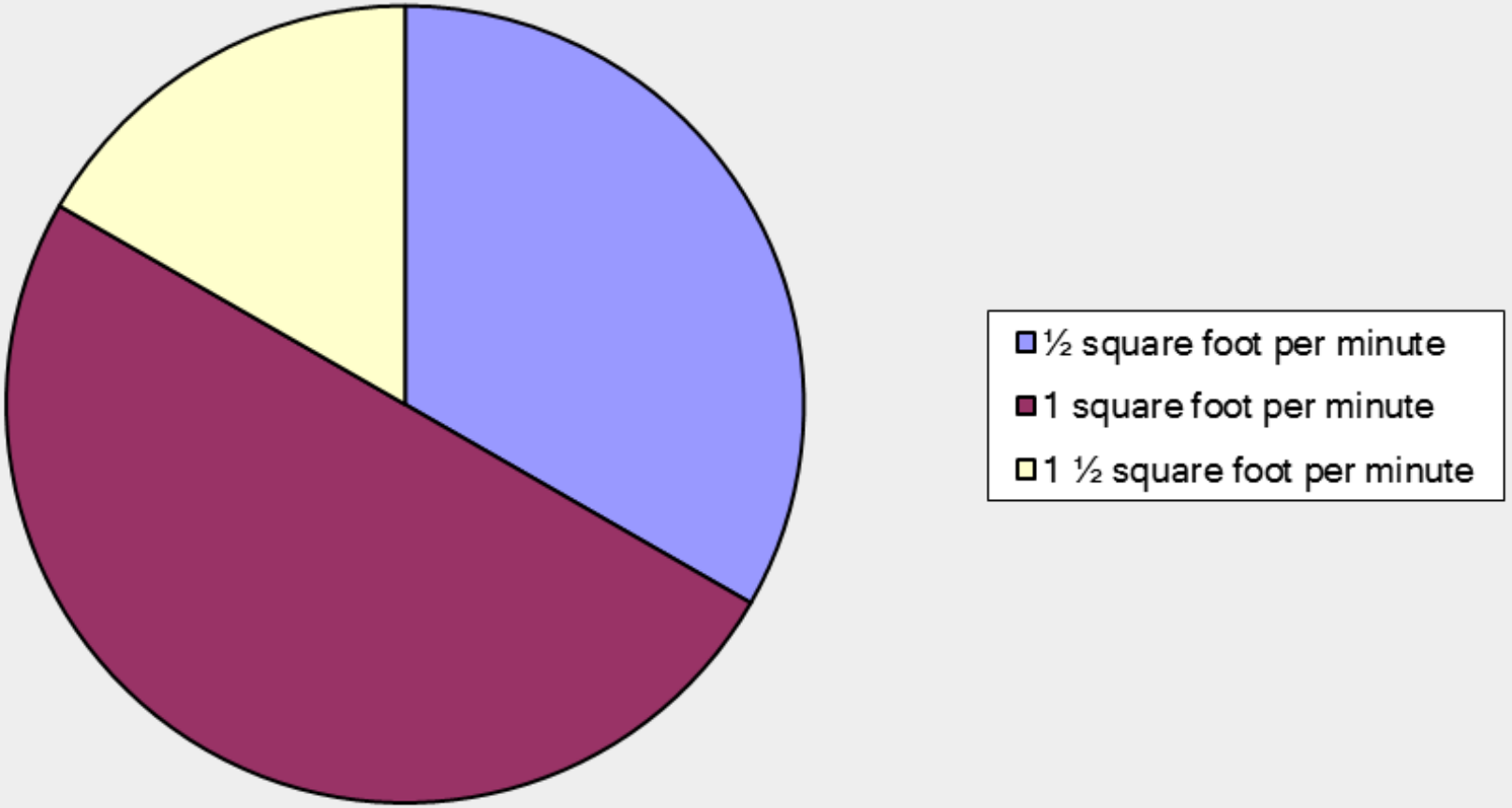


Other response: Depends on product (rapid cure or not). Above to 2 gal.

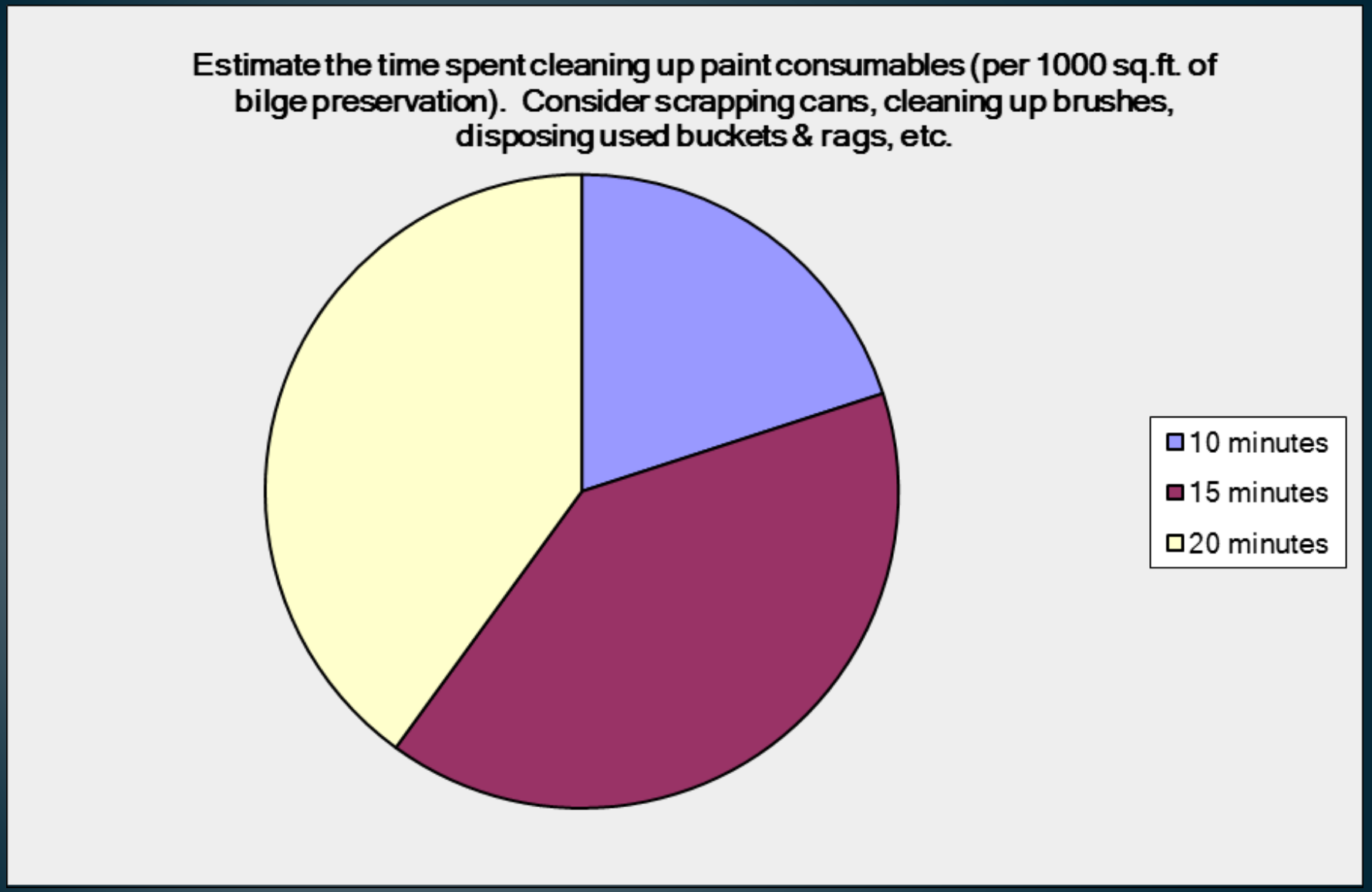
Estimate the time it takes to break a kit of paint, mix, etc. Consider the time for; opening component A and mixing, opening component B and mixing, measuring out component A and component B into a bucket, and time spent mixing the two components togeth



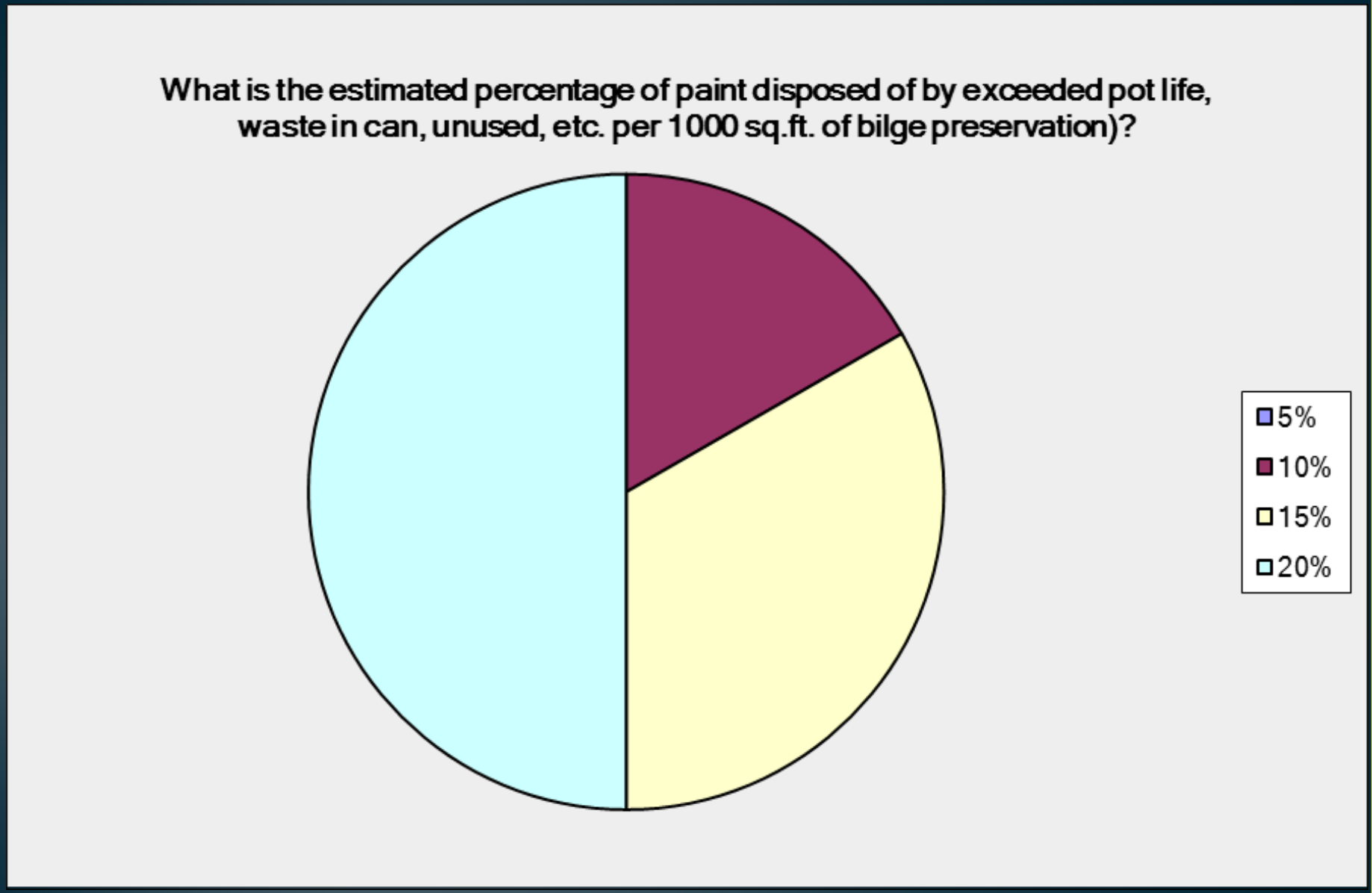
Using manual applications (e.g., brushing from a bucket) estimate the amount of time spent brushing out complex areas (under foundations, stand pipes, angles, etc.) per 1000 sq.ft. of bilge preservation.



Other response: 3-5 Sq Ft per minute



Other responses: 5 minutes, 1 hr. to process HAZMAT and clean up tools and area



Other response: less than 5%

Summary

- 26% of a complex bilge job is accomplished with brush/roller
  - Pot life limits useful working time with brush/roller
- 5 gallon containers of material is typically used
  - Half-gallon quantities are typically mixed
  - 15-20% of the mixed coating is wasted
  - It takes 20 minutes to mix a partial kit
- Complex areas are brushed out at 1 square foot per minute
  - 4.3 hours for the brushed portion of a 1,000 sq ft space
  - It takes 15-20 minutes to clean up after brushing per 1,000 sq ft of area preserved