

ATDW-2330: FINISHING BOXES

Cuyahoga Community College

Viewing: ATDW-2330 : Finishing Boxes

Board of Trustees:

March 2020

Academic Term:

Fall 2020

Subject Code

ATDW - Appld Ind Tech-Drywall Finish.

Course Number:

2330

Title:

Finishing Boxes

Catalog Description:

Instruction in history and use of finishing boxes including preparing, repairing, and loading flat finishing boxes; procedures for filling flats, butt joints and ceiling joints; procedures for using fastener spotters and angle finishing boxes; and cleanup procedures.

Credit Hour(s):

2

Lecture Hour(s):

2

Requisites

Prerequisite and Corequisite

Departmental approval: Admission to apprenticeship program.

Outcomes

Course Outcome(s):

Prepare, load, and repair flat finishing boxes.

Objective(s):

1. Explain the history, components, functions, and operations of finishing boxes.
2. Demonstrate how to replace and adjust blades in flat finishing boxes.
3. Demonstrate how to repair rubber seals in flat finishing boxes.
4. Demonstrate how to prepare and load flat finishing boxes.
5. Explain flat finishing box combinations.

Course Outcome(s):

Use flat finishing boxes to fill various types of joints, angles, and fasteners.

Objective(s):

1. Demonstrate the procedures for filling flat joints, butt joints, and ceiling joints using flat finishing boxes.
 2. Explain and demonstrate the procedures for filling fasteners using fastener spotters.
 3. Explain and demonstrate the procedures for filling vertical and horizontal angles using angle finishing boxes, mud runners, and the angle roller/glazer method.
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Methods of Evaluation:

1. Quizzes
2. Exams

3. Classroom participation
4. Demonstration of assigned projects

Course Content Outline:

1. Introduction
2. Flat finishing boxes
3. Preparing flat boxes
4. Repairing flat finishing boxes
 - a. Replacing blades
 - b. Repairing the rubber seals
5. Loading flat finishing boxes
6. Flat finishing box combinations
7. Finishing box procedures
 - a. Filling flats using finishing boxes
 - b. Filling butt joints using flat finishing boxes
 - i. method one
 - ii. method two
 - iii. method three
 - c. Filling ceiling joints using flat finishing boxes
8. Fastener spotters
 - a. Using fastener spotters
 - b. Filling fasteners using a fastener spotter
 - i. coat 1
 - ii. coat 2
 - iii. coat 3
9. Filling angles using an angle finishing box
 - a. Vertical angles
 - b. Horizontal angles
10. Filling bottoms and three ways
 - a. Bottoms
 - b. Three ways
11. Filling non 90 degree angles
12. Tool cleanup

Resources

Bushwell, William (ed.). *Painting and Decorating Encyclopedia*. 5th ed. South Holland: Goodheart-Wilcox. (Latest edition), 1982.

"Finishing Boxes"

"Painting and Decorating Craftsman's Manual and Textbook"

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