

Longview Public Schools
Cascade Middle School Gym Floor Refinish

CONTRACTOR QUALIFICATIONS

1. Machine Contractor must use its own, in-house sanding crew/equipment. No subcontractors shall be used for the work.
2. Contractor must use its own, in-house crew for applying all seal coats, paint and finish coats.
3. After the sanding is completed screen entire floor with 120 grit screens using a heavy-duty floor machine. Screens to be rotated approximately every 250 square feet.
4. All game lines, lettering and logos must be painted with a "spray on look". Painted lines and logos should not have any texture.
5. Contractor must be able to show at least 5 years of experience refinishing maple hardwood gym floors.

COURT FLOOR SANDING

1. Machine sand with coarse (16-36 grit), medium (50-80 grit), and fine (100 grit). Sand flooring to a smooth, even and uniform surface. Sanding shall include three complete cuts using the appropriate grits and ending with 100 grit. Although sporadic sanding marks and chatter marks (less than 10% of the floor) can occur, excessive sanding and chatter marks (over 10% of the floor) or gouges in the floor caused by any type of sanding will not be accepted and must be corrected prior to painting and finish coats.
2. After the sanding is completed, screen entire floor with 120 grit screens using a heavy-duty floor machine. Screens to be rotated approximately every 250 square feet.
3. Remove sanding and screening dust from entire surface by tack and vacuum.
4. Contain sanding the dust as much as possible using the proper dust bags on all sanding equipment. Remove all dust on the flooring and walls up to six-feet. The School District will be responsible after the project is completed to do a final dust cleanup above six-feet, including light fixtures, ledges, ceilings, and behind the bleachers. Contractor will clean the face of the bleacher, but the School District will be responsible to clean the seats after it is safe to pull the bleachers out.

WOOD SEALING

1. Inspect entire area of floor to ensure that surface is acceptable for sealing - completely free from sanding dust and perfectly clean. Owner to be allowed to inspect floor prior to applying 1st coat of finish and prior to applying 2nd coat of finish.
2. Apply two (2) seal coats using a waterborne sealer that is compatible with oil-based enamel paints and oil-based gym floor finish. Seal to be applied using the proper applicator for an even and uniform application of the product. Abrade between each seal coat using manufacturer's recommended pads.
3. After second seal coat has dried, abrade entire floors using a heavy floor machine equipped with manufacturer's recommended pads (rotate pads every 250 square feet).

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GAME LINING / LOGO PAINTING

1. Game lines and logos should be painted in such a way as to be free from a texture and be as smooth as possible. Rolled on "orange peel" texture will not be acceptable. All logos and lettering must be painted. Decals will not be accepted.

FINISHING

1. Apply a 50% high solids oil-modified polyurethane finish that is designed to be durable, have a gloss and be chemical resistant using the proper equipment for an even and uniform application of the gym finish.
2. After first coat of finish has dried, abrade the entire floor using a heavy-duty floor machine equipped with manufacturer's recommended pads.
3. Tack floor perfectly clean using a cleaning pad dampened with a cleaning solution that is mixed with water until the entire surface is dust free.
4. Apply the final coat of finish in the same manner as the first coat.
5. The School District will not use the gym floor for at least 5 days and will not pull the bleachers out for at least 3 weeks.