

2019 California Building Standards Code of Regulations Title 24

SHOWER PAN

Receptor lining must extend 3" above top of finished dam and outward on face of rough jam

Finish height of dam to be at least 2" above high point of shower drain.

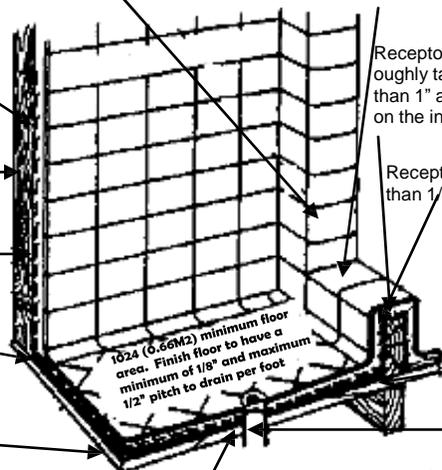
Receptor lining must extend 3" above top of finished dam and outward on face of rough jam.

Fur out or notch studs to receive lining.

studs or furring.

Mortar setting bed with approved waterproofing additive.

3" x 3" 13 gage welded steel mesh (or approved equal) set approximately center of bed.

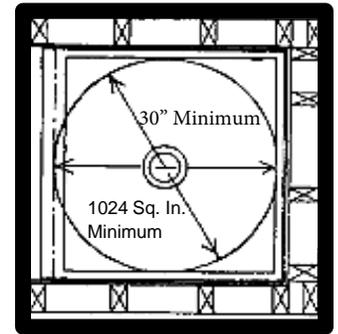


Receptor lining turned over dam and thoroughly tacked outside. No punctures less than 1" above the finished dam or threshold on the interior and top of dam or threshold.

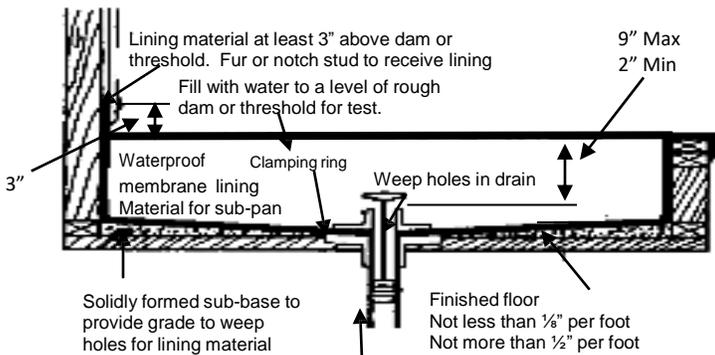
Receptor lining shall be pitched not less than 1/4" per foot to weep holes in drain

asphalt saturated roofing felt, each layer thoroughly water tight by lapping and flashing and reinforced with 50lb. tear strength woven glass fiber webbing hot mopped in place and extending 4" in all directions from each corner.

Minimum of 0.05 inch thickness strainer



Flange of approved type sub drain set exactly level with sub floor with clamping ring or other device to make tight connection with receptor lining



Lining material at least 3" above dam or threshold. Fur or notch stud to receive lining
Fill with water to a level of rough dam or threshold for test.

9" Max
2" Min

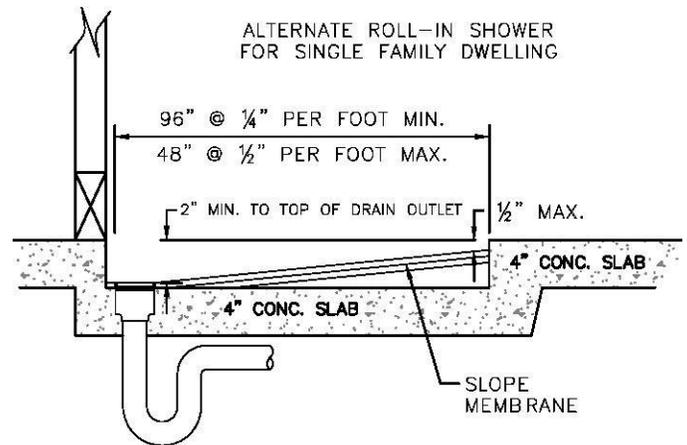
Waterproof membrane lining
Material for sub-pan
Clamping ring
Weep holes in drain

Solidly formed sub-base to provide grade to weep holes for lining material

Finished floor
Not less than 1/8" per foot
Not more than 1/2" per foot

Test plug placed so that both upper and under sides of sub-pan subject to test where it clamps to drain.

ALTERNATE ROLL-IN SHOWER FOR SINGLE FAMILY DWELLING



96" @ 1/4" PER FOOT MIN.
48" @ 1/2" PER FOOT MAX.

2" MIN. TO TOP OF DRAIN OUTLET 1/2" MAX.

4" CONC. SLAB

SLOPE MEMBRANE

- Shower drains shall be of an approved type, suitably flanged to provide a watertight seal. The drain assembly shall be provided with weep holes to allow drainage of the pan lining. An approved strainer is to be provided. A minimum 2-inch waste pipe and trap is required.
- The dam or threshold shall be a minimum of 2-inches and a maximum of 9-inches above the top of the drain. The finished floor shall have a uniform slope of 1/8" - 1/2" per foot.
- The floor area of the shower shall be 1,024 in² and allow for a 30-inch diameter circle, measured at the top of the dam or threshold. The minimum area shall be maintained to a height of 70-inches above the drain. Thresholds need to be wide enough to accommodate a 22-inch wide door.
- The pan liner shall extend up the walls a minimum of 3-inches above the top of the finished dam or threshold. The pan liner may be constructed of an approved plastic, sheet lead or copper with a 15# felt underlayment, or a 3-layer hot-mopped 15# felt built-up assembly. Refer to the CBC for specific construction requirements. The pan liner shall maintain a uniform slope of 1/8" - 1/2" per foot.
- The pan liner and drain connection is to have a standing water test filled to the top of the dam or threshold for inspection. Purple or Green Backer Board is not permitted for roll-in showers. All showers have a threshold located at the shower entry.
- Backer Board Material shall be glass mat gypsum ASTM C1178, fiber reinforced gypsum ASTM C1278, nonasbestos fiber-cement board ASTM C1288, nonasbestos fiber mat board ASTM C1178