



Tel. (310) 967-0077

Fax. (310) 967-0700

Site. www.EuroStone.US

E mail info@EuroStone.US

Commercial Food Service Technical Bulletin

- Adequate support is required directly underneath any load. The stone should not be used to transfer any bending and/or shear loads from external equipment to supporting structures.
- Must accommodate expansion and contraction to minimize the buildup of any mechanical and thermal stresses.
- All external loads must be limited to compressive loads. Compressive loads should never exceed the limits as provided in the *EuroStone Technical Specifications*
- EuroStone must be insulated from heated food service equipment.
- Provide adequate distance between the material and any adjacent walls and/or cabinets or any other possible constraint. We recommend a minimum of 1/8" clearance between the surface and any columns or brackets that penetrate through the material.

Food Service Hot & Cold Cutouts

- Provide a minimum 1/4" radius on inside corners of cutouts.
- Ease all top and bottom edges.
- Cutouts must be at least 6" apart.
- Smooth the entire interior of the cutout to remove any chatter or chipping. Use a minimum of 120 grit diamond.
- Provide space for insulating materials and extra equipment support. Always isolate the weight of a drop in food well with additional supports.
- Use a minimum of two (2) layers of Nomex insulation as referenced in General Requirements. Affix the Nomex insulation with a minimum 4ml aluminum tape. Ensuring that the tape does not create a direct heat transfer to the stone.
- Provide a minimum 1/8" gap between the appliance and the edge of the cutout to allow for expansion and/or contraction.
- Support materials (underlayment) should be moisture resistant.
- All deck (surface) seams require structural support. The structural support should be flush with the supporting substrate. If shimming is required shim from below the underlayment not the stone
- Hot & Cold Wells should be separated by a minimum of 12" between cutouts.
- Do not undermount in any manner which causes the stone to become part of the tray.

EuroStone will not Warranty material if these guidelines are not followed.

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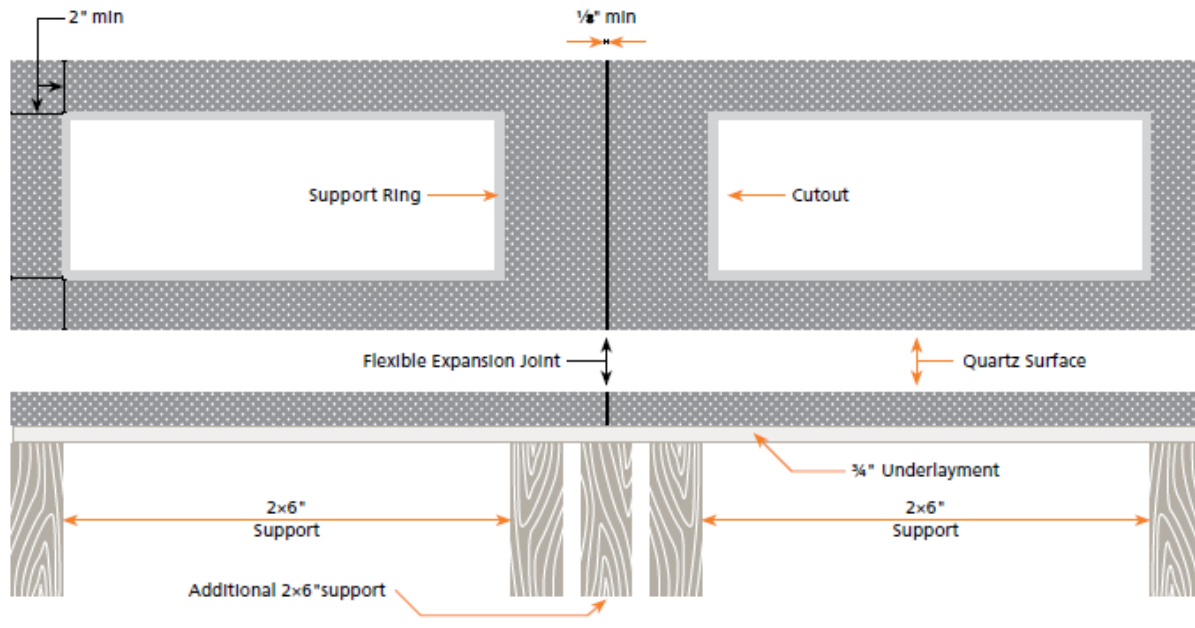
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Support Drawing



LEGEND:

	Quartz Surface		Flexible Expansion Joint		Support Ring		2x6" Support		3/4" Underlayment
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NOTES:

- Flexible expansion joints are highly recommended. In the event these joints are not acceptable to the end user a minimum of 3 layers of Nomex insulation are required.
- All underlayment support materials should be moisture resistant.
- If shimming is required — shim from below the underlayment and not between the underlayment and the stone.

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Surface Seams:

- Surface seams should be flexible expansion joints a minimum of 1/8" filled with 100% silicone. (Highly recommended)
- Cover strips such as "T" molding may be used to cover expansion seams.
- Hard seams are acceptable if the stone is insulated with a minimum of three (3) layers of Nomex insulation.
- Avoid seams through cutouts or inside corners.

Heat Lamps:

- Do not attach heat lamps directly to stone; attach to the supporting structure.
- Drill through the material and attach the heat lamp to the support structure below.
- Provide minimum 1/8" radial clearance between the stone and any columns or brackets penetrating the material.
- Do not create any hot spots on the stone by focusing the heat lamp only on a particular section. Provide uniform heat across the entire surface of the stone.

Sneeze Guards:

- Mount sneeze guards directly to the support structure.
- Do not attach sneeze guards directly to the stone.
- Provide minimum 1/8" radial clearance between the stone and any columns or brackets penetrating the material.

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