

# Lid options compatibility and considerations

**Standard Aluminum Lid:** any housing, any deck.

- Cannot be walked on
- Clear anodized aluminum
- Limited hinge range
- End edges not beveled
- Economical

**Flat Lid:** any housing, any deck

- Painted gray aluminum
- Extended hinge range
- All edges are beveled
- Cannot be walked on unless standard brackets are upgraded to walk on lid brackets with 36" spacing.

**Flush Lid:** any housing, concrete deck only

- Painted gray aluminum
- Extended hinge range
- All edges are beveled
- Cannot be walked on unless additional brackets are added for 24" spacing.
- Front edge profiles available to match encapsulation integrated aluminum coping.

**Walk-on Lid:** concrete housing best, perimeter forming system recommended for poly housing, use with any deck.

- Walk on lid material cannot be thicker than coping material(coping and mortar above encapsulation)
- Lid material must have sufficient flexural strength to span brackets and support a person's weight. 2" thick material is recommended and 24" bracket spacing. Strength of material and bracket spacing responsibility of builder.
- Housing perimeter forming for concrete decks only.
- Concrete lid forming system available for matching reusable forming system
- Pavers/stone over housing walls must be mortared to the concrete housing/poly housing concrete collar and open joints must be grouted.
- If lid material (brick/paver) does not span brackets. Additional support system will be needed. Metal trays are available for mortaring bricks to, 1" slate also may be used. Using a thicker mortar joint between coping and encapsulation will allow for room for a thicker support for bricks. Builder is responsible for strength of assembly.
- Lid stones must be at least as wide as housing opening, 14" typical.
- Lid stones cannot extend more than 2" past end of brackets. If wider stones are desired to match coping but using 14" housing, hold stone back over back of housing and support with mortar bed.
- Joints in lid stones cannot be located within 6" of guides.
- Fully mitered corners are not possible over cover housing. Stones with profiles should be made with transitions or miter the profile only and cut off the profile on the mating surface.
- Stones exceeding 100 lbs. (2"x14"x48") may increase labor cost to install and service. 24" lengths are recommended.
- Pools with odd numbered widths will need custom coping sizing to make stones the same or use one 36" or two 18" located in the center.
- See special application section for hidden leading edge bar lid requirements.