

## DALDORADO LIFE FLOOR PARTNERSHIP

### DALDORADO LIFE FLOOR DRAINAGE SYSTEM

**Ideal for use on Splash Pads or other surface areas in a swimming pool or waterpark environment.**

Daldorado DalLUX-STs support grate when used in conjunction with LifeFloor product can be placed over central drainage sumps in a splash pad area, or over a trench drain area in a splash pads, or other pool related areas that incorporate the LifeFloor surfacing including being used as the perimeter grate for any rectangular swimming pool.

Daldorado DalLUX-STs-03 (4 open drainage slots) or DalLUX-04 (5 open drain slots) are designed for that luxury look with Quality and Safety at the forefront.

- **QUALITY:**

NSF/ANSI/CAN 50-2020 – PVC materials that are also UV stabilized.

*This code is to ensure quality of the product materials when used outdoor in a swimming pool environment. This ensures “safety” from potential degradation and breakage of grates.*

- **LOAD BEARING:**

ANSI/AS 3996 class A for covers and grates with load exceeding 10kN (2,248lb).

*This code ensures that the grates have the strength to support loads up to 2,248 lbs, this may include pool cover reels, light rubberized vehicles, etc. This is to ensure “safety” from breakage due to failure of the grate coverings that has the potential to cause bodily injuries.*

- **ENTRAPMENT:**

BS EN 13451-1 2020 for child finger and toe entrapment.

*This code is to ensure the “safety” and prevention of the entrapment of young children’s feet and hands in between the grate openings to avoid the possibility of injuries.*



## DALDORADO DaLUX-STS

- DALDORADO DaLUX-STS-03
- DALODRADO DaLUX-STS-04



## SPECIFICATION

### SECTION 13 11 00 – SPECIALTY FINISHES

#### LifeFloor Support Grate

- LifeFloor Support Grate system shall be provided in interlocking 12" x 12" (305mm x 305mm) PVC sections, UV stabilized with recessed grooves providing 3.58" (91-mm) openings separated by 5/16" (8-mm) spacers to secure the cut sections of LifeFloor mating and allow for water flow through each opening. Across the span of the LifeFloor Support Grate there shall be 3-sections (*or 4-sections*) of LifeFloor offering four (4) (*or five (5)*), 5/16" (8-mm) openings for water flow. The openings shall meet BS EN 13451-1 2020 for child finger and toe entrapment.
- LifeFloor Support Grate shall be designed for minimal deflection and tested under AS3996 at over 10Kn (2,000-lbs) for load bearing strength.
- LifeFloor shall be NSF/ANSI/CAN 50 aquatic safety surfacing standard and must be cut to fit the grate support. Color as specified by the architect.
- LifeFloor shall be adhered to the support grate bars with a PU based adhesive as supplied by the grate manufacturer.
- LifeFloor Support Grate corners are to be custom assembled by grate manufacturer and must be used. No exceptions.
- LifeFloor Support Grate: Color shall be black. Support Grate shall have a minimum 10-year manufacturer's warranty.
- LifeFloor Support Grate shall be DaLUX-STS as manufactured by Daldorado LLC., Naples, Florida. Phone: (888) 509-8128.