

# Black Pearl ECO Equipment Pads



## Equipment pads

The best value environmentally friendly pad for new construction and replacement installations

- Molded with quality recycled materials
- Lightweight - 80% lighter than pre-cast concrete  
Outperforms other value-priced plastic pads on the market
- NO concrete forming or finishing, NO heavy equipment, NO clean-up, NO hassles
- Solid wall construction won't chip or crack
- Accepts bolts and screws for easy anchoring
- Chemical resistant
- UV stable, impervious to sunlight and extreme hot or cold temperatures

The ECO PAD is a sound foundation solution that provides a raised, level surface for light equipment such as air conditioners, generators and pumps. ECO PADS are molded from a recycled polyolefin material, providing a lightweight alternative to concrete that saves the end user installation time and money.

ServiceFirst P/N	ECO PAD Model	Sandy Soil, Silty Soil, Clayey Soil <sup>1</sup>
PAD01175	93120021	498 (226 kg)
PAD01178	93120006	611 (278 kg)
PAD01180	93120010	644 (293 kg)
PAD01183	93120014	811 (369 kg)
PAD01184	93120015	889 (404 kg)
PAD01185	93120016	964 (438 kg)

**Installation surface:** ECO PADS may be installed directly on undisturbed soil, compacted fill or crushed rock.

The area must be leveled and able to support the ribbed surface of the pad. Load capacities are based on minimum soil pressure of 1,000 psf.

**Installation on soil:** The soil must be suitable for bearing load from the pad. Typically, soft collapsible soils such as soft clays, organic soils, mulch, compost, loose sands or other loose soils must be replaced. Replace undesirable soil with compacted fill or soil with 2 to 3 in. (50 to 75 mm) of crushed rock. Hand tamp base to provide a level surface. The ground area should be leveled so that the entire rib surface of the pad touches the soil. Load capacities are given in the table above. Alternatively, they may be installed on hard surfaces such as concrete or decks.

**Installation on hard surfaces:** ECO PADS can be installed directly on concrete or a deck. The pad itself can support the weight of unit with the ribbed surface of the pad being uniformly supported. When considering installation of these pads on roof decks, compatibility with the roof deck or membrane shall be the responsibility of the installer. This installation guide can provide information regarding the bearing capacity of the pad on various soils and the weight the pad itself can sustain. Oldcastle Precast, Inc. does not assume responsibility for any damage resulting from installation on a deck or roof membrane.

**Drainage:** Provide adequate drainage in the area where the pad will be installed. The surrounding ground area should be sloped away from the pad to reduce the possibility of water ponding. A minimum slope of 2% (1/4 in per ft) is recommended.

Multiple pads are commonly used for supporting equipment. The total pad footprint should be as close to the dimensions of the equipment as possible. The pad footprint shall not be less than the unit nor shall it be

oversized such that the exposed portion of the pad is used as a designated walkway<sup>2</sup>. A uniform soil or base material shall be provided underneath the pads. The pads do not need to be attached to each other.

Point loading of the pad should be avoided. A point load is applied by a unit that has feet or small contact points that can apply a concentrated load onto the pad such as through leveling pads or rubber base isolators. Point loading shall be over an area no smaller than a 2 inches. Point loading shall not exceed 30 lbs per sq. inch.

Local building code requirements and equipment manufacturer's recommendations for foundation and support requirements shall take precedence over Oldcastle Precast, Inc. installation recommendations. For heater applications, comply with The National Fire Protection Association (NFPA) specifications.

<sup>1</sup> Load capacities are based on soil with a bearing capacity of 1,000 psf, including a factor of safety of 1.5.

<sup>2</sup> Oldcastle Precast, Inc. Industries does not recommend using the ECO PAD as a designated walkway. Coefficient of friction is less than 0.5.

## 2 inch pads

ServiceFirst P/N	Vendor #	Description	Pallet Qty
PAD01164	92120001	1836-2 Black Pearl ECO PAD	50
PAD01165	92120002	2424-2 Black Pearl ECO PAD	50
PAD01166	92120003	2436-2 Black Pearl ECO PAD	50
PAD01167	92120007	3030-2 Black Pearl ECO PAD	25
PAD01168	92120009	3040-2 Black Pearl ECO PAD	25
PAD01169	92120011	3333-2 Black Pearl ECO PAD	25
PAD01170	92120012	3338-2 Black Pearl ECO PAD	25
PAD01171	92120013	3345-2 Black Pearl ECO PAD	25
PAD01172	92120014	3348-2 Black Pearl ECO PAD	25
PAD01173	92120015	3636-2 Black Pearl ECO PAD	25
PAD01174	92120016	3642-2 Black Pearl ECO PAD	25

## 3 inch pads

ServiceFirst P/N	Vendor #	Description	Pallet Qty
PAD01175	93120021	2424-3 Black Pearl ECO PAD	32
PAD01176	93120022	2436-3 Black Pearl ECO PAD	32
PAD01177	93120004	2448-3 Black Pearl ECO PAD	16
PAD01178	93120006	3030-3 Black Pearl ECO PAD	16
PAD01179	93120007	3036-3 Black Pearl ECO PAD	16
PAD01180	93120010	3333-3 Black Pearl ECO PAD	16
PAD01181	93120011	3338-3 Black Pearl ECO PAD	16
PAD01182	93120012	3345-3 Black Pearl ECO PAD	16
PAD01183	93120014	3636-3 Black Pearl ECO PAD	16
PAD01184	93120015	3642-3 Black Pearl ECO PAD	16
PAD01185	93120016	3648-3 Black Pearl ECO PAD	16



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