

Combine design, function, aesthetics and best management practices

## SUPERIOR PAVEMENT SYSTEM

Interlocking Concrete Pavement System (ICP)



### ADVANTAGES

#### PERFORMANCE IN COLD CLIMATES

ICP does not crack or heave in the winter, so there is no need to seal or fill in holes in the spring. Because there is a chamfered edge, the same plowing method that is used for cement and asphalt roads is used on the pavers.



#### FUNCTIONAL DESIGN

Contrasting paver colors can be used to delineate lines and spaces, eliminating the need to paint and maintain lines. They can designate parking spaces, crosswalks, boundaries and more.



#### EASY MAINTENANCE

Utility lines existing beneath the system can be accessed by unzipping the pavement and then replacing the same pavers when finished. There is no curing time following any repairs. Individual pavers or sections can be seamlessly restored.

#### WHAT IS ICP?

An Interlocking Concrete Pavement (ICP) is far superior to any other pavement. This is because the paver's ASTM Specification is 8,000 psi and only up to 5% absorption, which makes for an extremely durable wearing course that is long lasting. Borgert consistently exceeds these standards. The life expectancy of a paving stone pavement is over 30 years with minimal maintenance depending on the application.

A very important aspect of interlocking concrete pavement is that it is a flexible pavement system and is resistant to damage due to freezing and thawing cycles, which is very important in our markets. Another advantage is that these pavements can handle extremely heavy loads making them suitable for applications from walkways/plazas to airport taxiways. One paver advantage is color and texture can be added to any paved area without sacrificing durability. No other pavement gives you all of this.

Because Borgert pavers have color throughout, scrapes and abusive damage are masked. The granite is also throughout the paver making for a more durable wearing surface.

#### WHEN TO USE ICP?

- Plazas & Entrances
- Sidewalks & Streetscapes
- Roadways
- Intersections
- Parking Lots
- Public Transit Stations
- Driveways

#### WHY IS BORGERT BETTER?

Aggregates are also very important. Why Granite? Granite is the hardest aggregate next to diamonds. It does not absorb moisture, making the paver more durable in freeze/thaw due to deicing chemicals. It does not absorb the color pigments making for a more vibrant color throughout the lifetime of the pavement. The granite is dark in color so it blends in better as the pavement ages. It is angular which creates a better bond with the cement in the unit. It's not just about the paver - it's about the system. Building the system with Borgert's high quality concrete paving stones will give you a pavement to enjoy for years to come.



# INTERLOCKING CONCRETE PAVEMENT SYSTEM (ICP)



## BEDDING & JOINT SAND

Coarse, angular, washed concrete sand. Particle sizes ¼ inch to 75 microns, 1- 1 1/2 inch thickness.

## COMPACTED AGGREGATE BASE

Thickness varies according to application (4-12 inches is average with stable subgrade soils).



## BORGERT PRODUCTS

### Company and Manufacturing

Borgert Products has been a family-owned business since it was established in 1923. It was one of the first companies to manufacture pavers in the U.S. when it started the process in the mid 1970s. We are charter members of ICPI, keeping up-to-date with technical design information, case studies and testing methods.

We manufacture the pavers using local aggregates in St. Joseph, MN. We are unique because we use granite in our mix. Granite is an angular aggregate and is second only to diamond in its strength. This creates a paver that is extremely durable under freeze-thaw cycles and stress. Our pavers exceed industry standards of 8,000 psi and no more than 5% absorption.

We offer a wide range of shapes, sizes and colors. We have created unique color blends as well as a range of solid colors.



## MAINTENANCE

- Keep the surface free from debris, sweep and blow clean
- Pavers exposed to deicing chemicals must be cleaned
- Do not use Magnesium-Chloride, if you must, we recommend NaCl-Chloride



[borgertproducts.com](http://borgertproducts.com)  
800.622.4952

MAIN OFFICE: 8646 Ridgewood Road | P.O. Box 39 | St. Joseph, MN 56374 | PHONE 320.363.4671 | FAX 320.363.8516  
PERMANENT OUTDOOR DISPLAY: MN State Fair Grounds | East Side of Underwood St. | Between Lee & Randall Avenues

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