

# BoMetals, inc.®

concrete and masonry accessories



## ***Dowel Baskets and Dowel Bars For Heavy Highway Pavements and Airfields***





As a manufacturer of products used in concrete construction, our hallmark will always be quality. Our President and Founder is an engineer. This means we know that beginning with the best raw materials and adhering to a consistent production process is essential for superior outcomes. This is how we can stand confidently behind everything we make.



## SUSTAINABLE PRODUCTS

Our dowel bars and baskets are some of the best on the market. Every bar is cut to length with CNC saws, removing the possibility of burs that can occur when sheared. Our baskets are robotically assembled and welded for superior quality.



*CRSI Approved Fusion Bonded Epoxy Bar Line*

By strictly following the guidelines from the DOT and FAA all of the steel in our products comes from the US. As much as 93% of all US steel is recycled, lessening emissions and reducing the carbon footprint.

After fabrication-a shop applied water based bond breaker is evenly applied so you're ready to go when the material is delivered. This not only assists with the speed of installation but also extends the lifecycle. This step reduces the frequency of maintenance compared to manual applications which are much less reliable for consistent application.

## THE RESILIENCY FACTOR

When flooding occurs, the subgrade to any paved surface can become stressed and may impact the strength of load capacities. More rigid pavement spreads the load across a larger area and becomes essential in airfields and heavy highway pavements. This is why concrete is used rather than asphalt, which is more flexible. Flooding will not impact the load-carrying capacity of concrete as rapidly as it can asphalt.

Applying best practices in concrete construction improves concrete's resilience to remain intact and unaffected after water inundation.



*COBOT-Arc Welding Robot*



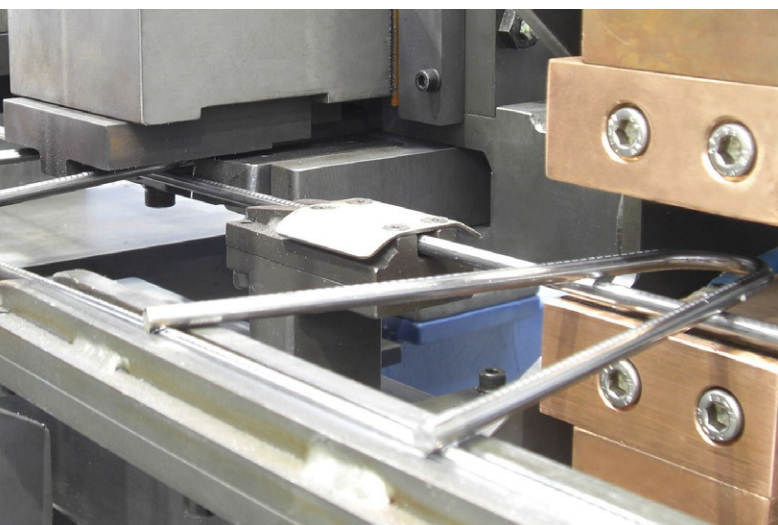
During construction, several factors enhance the rigidity and performance of concrete pavement. These include the depth and stability of the subgrade, the depth of the slab, and the installation of dowel bars in contraction, expansion and construction joints.

## VARIOUS COATINGS

As a manufacturer of quality American-made products, the BoMetals Plant is CRSI Certified and can offer an array of coating options to meet the needs of every job. These include:



- Fusion Bonded Epoxy Powder Coating to ASTM A775 and A1078
- Cost-reducing corrosion protection with red oxide paint
- Hot dipped galvanized steel meets ASTM A 123/A and ASTM A385



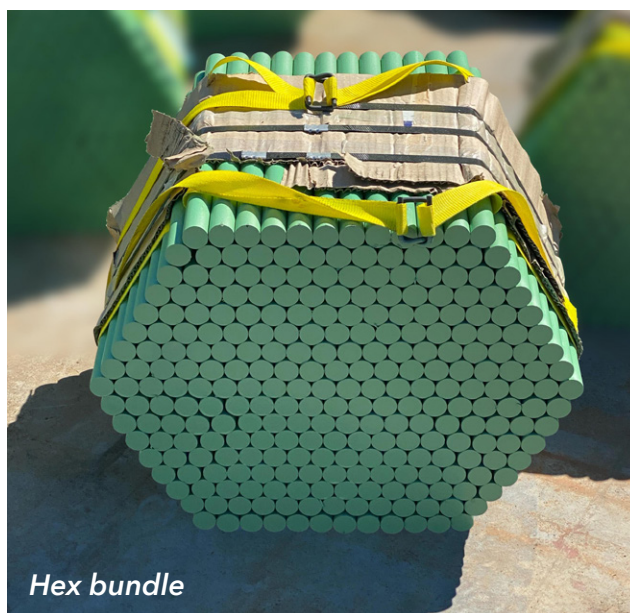
*Automatic Sideframe Machine*

- Certified Grade 304 stainless steel meets ASTM A240

Our dowels meet DOT, FAA and MIL guidelines and undergo testing to ensure everything that leaves our plant meets standards required by your specific job.

## UNMATCHED CUSTOMER SERVICES

We listen to our customers. You are the ones in the field installing the products we make, and because of this, we value your insights. We've built our reputation on responsiveness to the market and offering what we hear our customers need. When you call us, you will not get a recording or go directly to voice mail. One of our informed representatives is here to assist and answer your questions or concerns.



When your order arrives, products are tagged to help quickly identify the appropriate mill designation, dowel size and basket detail for easier management of inventory on the jobsite, and appropriate certifications.







Since 1989 we have been committed to offering the best products available to the concrete construction industry. BoMetals offers a comprehensive line of Dowel Systems. Every product arrives clearly marked for quick identification on the job site. When it comes to dowel systems no other manufacturer offers a more comprehensive line.



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