

KRINGER **INDUSTRIAL**

Custom Designed Dunnage Solutions

INTRODUCTION

Kringer Industrial is a designer and producer of crosslink foam, plastic and galvanized steel dunnage.

Our goal is to provide our customers with innovative and quality solutions.

We are a Certified Women's Business Enterprise Canada company.



SERVICES

- Design
- Rapid Prototyping
- Crosslink Foam
- Galvanized Dunnage
- Poured/Sprayed Polyurethane
- Protective Polyurethane Tape
- Pick & Pack Bins
- 3D Printing
- HDPE/UHMW

And Many More Materials EX: Custom Velcro, Adhesive Back Mutilation Protection.

FOAM DUNNAGE SOLUTIONS



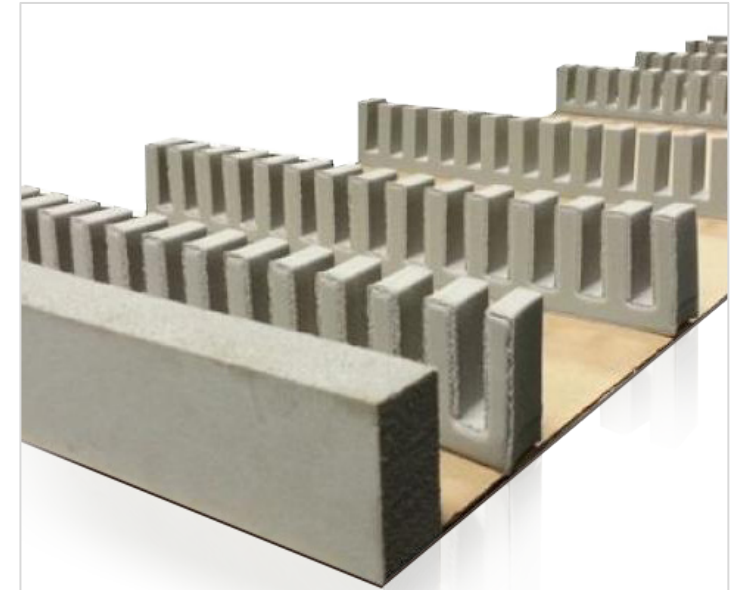
Custom Foam - Sample 1

This is a custom bar of 6LB foam used on a front bumper air deflection shield on a WIP container



Custom Foam - Sample 2

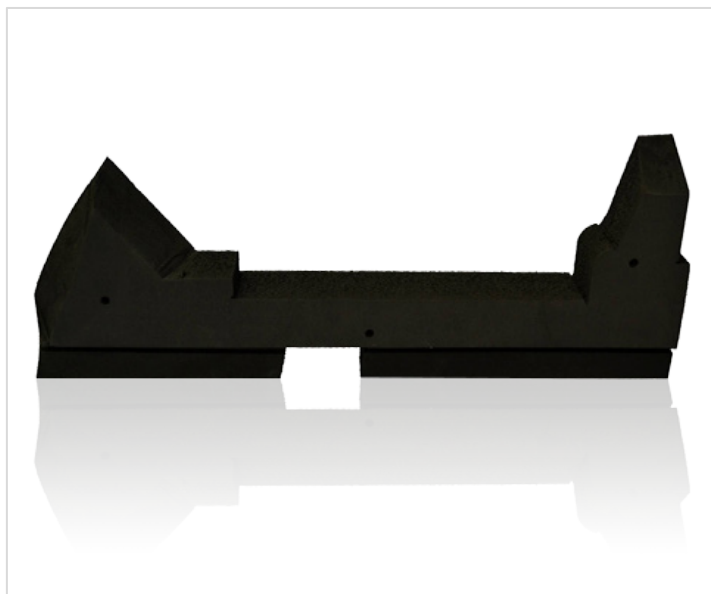
This is a stackable 9LB foam block used in a drive shaft rack in the machining process.



Custom Foam - Sample 3

This is a 4LB foam block glued to a cardboard back to allow the customer to build a bank of parts to be stored in a knock down container in preparation for a tooling change.

FOAM DUNNAGE SOLUTIONS



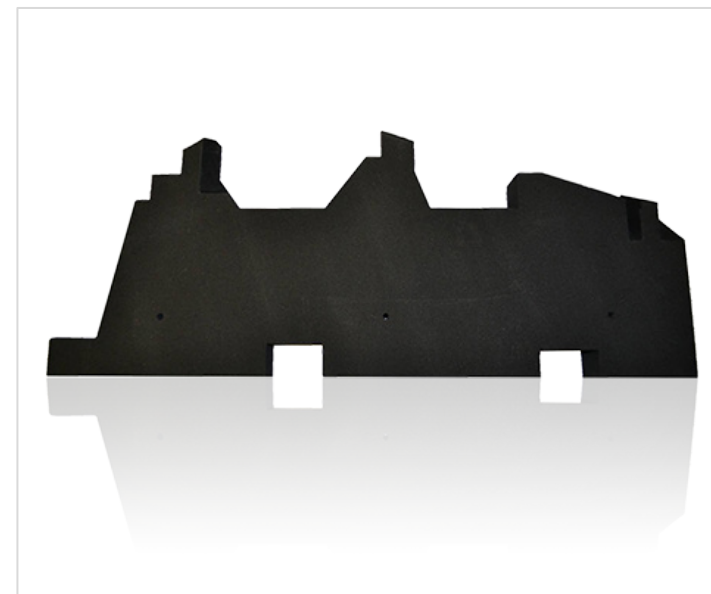
3D Cut Foam

Using our 5 axis waterjet cutting machine, complex profiles can accurately be machined.



Custom Lengths

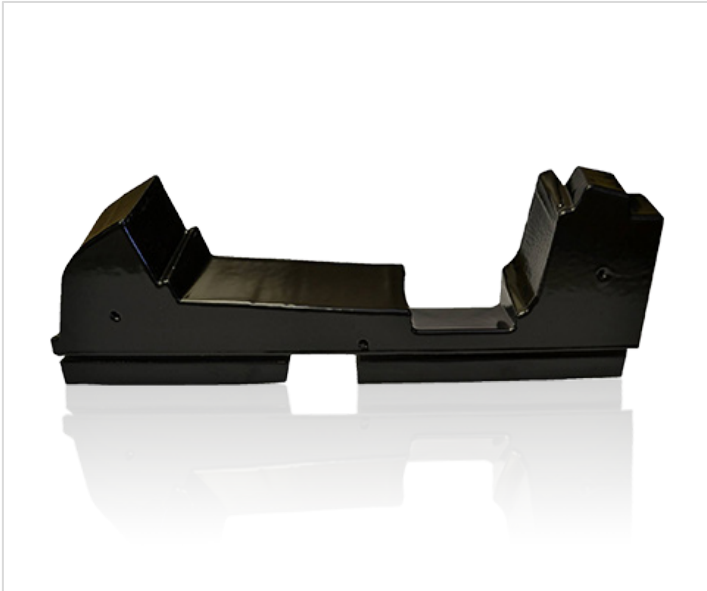
Custom lengths up to 120" can be cut from one piece reducing assembly errors on the customers shop floor.



Intricately Cut Foam Dunnage

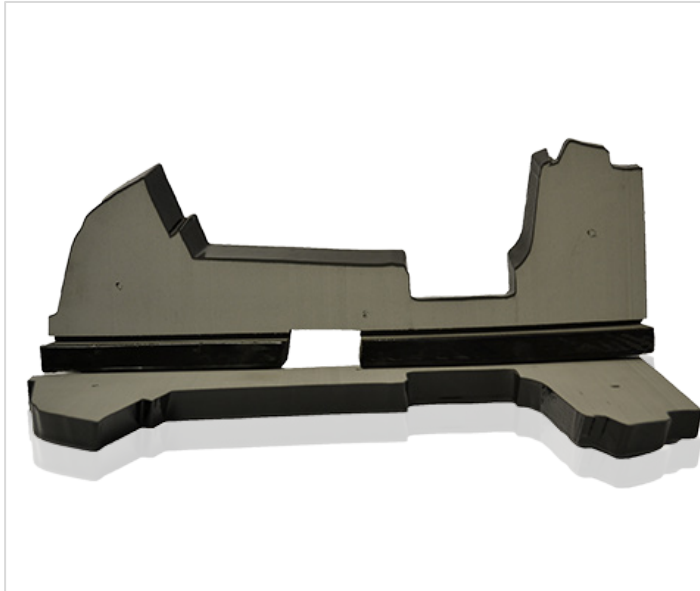
Using custom adhesives and mechanical fasteners, we can design complex profiles and shapes without expensive custom machining.

FOAM/POLYURETHANE DUNNAGE SOLUTIONS



3D Polyurethane Coated

In house coating capabilities allow for quick responsive designs. Based on the design requirements, more or less material can be added for additional strength.



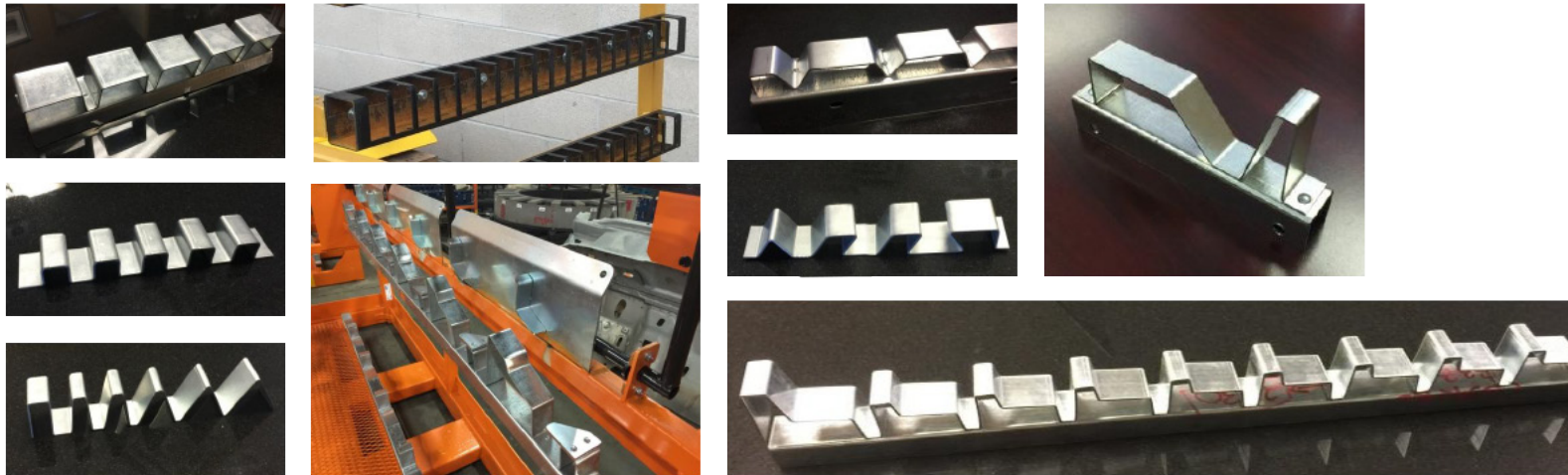
Polyurethane Coated Cut-Away

Rapid designs have been completed for quick proto part fit and function testing to avoid expensive tool changes. Full production fleets can be produced to avoid tooling cost altogether.



Poured Polyurethane

GALVANIZED STEEL DUNNAGE SOLUTIONS



Custom Galvanized Steel Dunnage

Using a custom bending process we can produce almost any shape required without the lead time for tooling. We can also mechanically fasten these profiles to a channel so they are ready for installation when they arrive.

POUCHES / PICK & PACK BIN SOLUTIONS



Examples

- Plastic or Aluminum Bins
- Polyurea Coating Option
- Durable Crosslink Foam Insert
- Durable HDPE Dividers

CONTACT INFORMATION

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