



ADVANCED
FLOORING
SYSTEM

BAULTAR



mason grogan
INDUSTRIAL

SPECIALIST MATERIALS FOR DESIGN ENGINEERS



since 1984





PRODUCTS

ABRASTOP™

Abrastop™ is a highly durable floor covering for mass transit applications. This product is composed of colored aggregates wrapped in a thermoset resin with a fiberglass support. It is installed directly on the subfloor using flexible, high-performance adhesive that is trowelled onto the entire surface. This product is particularly suited to mass transit vehicle overhauls.

ABRASTOP™ FOAM

The Abrastop™ Foam products are structural flooring systems composed of an Abrastop™ covering, a thermoset foam core that can be adapted to meet client requirements, and a layer of reinforcement fibers. Two products are included in this family: Abrastop™ Foam Lite and Abrastop™ Foam Heavy Duty.

These all-in-one flooring systems are bonded directly onto the vehicle's floor structure with a flexible, high-performance adhesive.

The floor coverings and subfloors are integrated into one system and installed in five simple steps. These steps are: vehicle leveling, dry-fit, bonding, panel leveling, and sealing. Abrastop™ Foam is an economical product as a result of its exceptional durability and lifespan.

ABRASTOP™ FOAM LITE

Abrastop™ Foam Lite is a structural flooring system with an integrated Abrastop™ covering, a lightweight thermoset foam core, and reinforcement fibers.

This product is designed for mass transit applications. It is the most durable lightweight flooring system available in the industry.

ABRASTOP™ FOAM HEAVY DUTY

Abrastop™ Foam is a structural flooring system with an integrated Abrastop™ covering, a heavy-duty thermoset foam core, and reinforcement fibers.

This product is particularly suited for applications that require higher impact resistance characteristics.

ALL-IN-ONE PRODUCT

At Baultar, we make product integration easy. Coverings, subfloors, and all of our optional solutions (such as pathway markings, heating floors, bands, tactile surfaces, and more) are built with similar materials, with the goal of obtaining one single durable and integrated product. The result is an easier installation and simplified procurement.



LOGOS

As part of our highly configurable flooring solutions, we offer our clients the option of integrating reduced mobility logos, bicycle logos, indication pictograms, and other designs into whichever Abrastop™ flooring option they choose.



3D BANDS AND SURFACES

We also offer 3D bands and surfaces, which are commonly used for guidance and can indicate the presence of potential dangers or improve adherence.



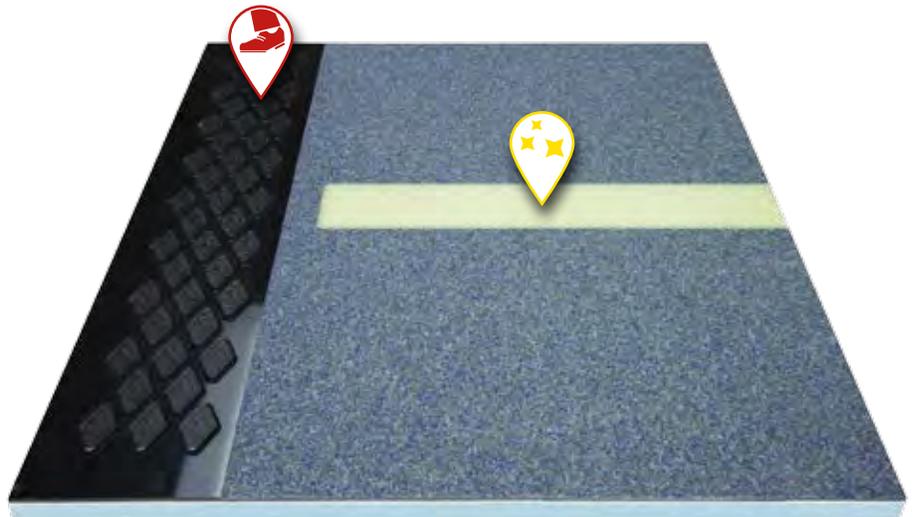
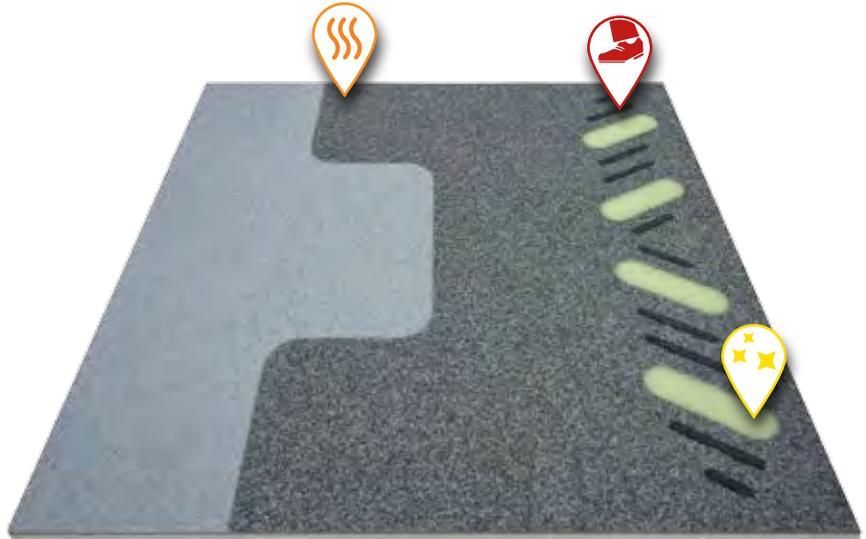
PHOTOLUMINESCENT BANDS

Our high-performance photoluminescent lighting (HPPL) markers help to indicate walkways, stairs, doors, and other items by absorbing ambient light and quickly transforming it into an intense yellow-green glow that remains visible for more than 90 minutes and facilitates the evacuation of passengers.

HEATING

Abrastop™ Foam Heating Floors provide superior thermal comfort, energy efficiency, reduced installation time, and lower life-cycle costs – all in one product.

Abrastop™ Foam Heating Floors are complete unitized systems that combine Baultar's highly wear-resistant floor covering with a lightweight heating structural subfloor. The heating element, perfectly integrated between the floor covering and the subfloor, is a thin, additional layer that completely covers the panel surface. This high-quality system has been specially designed for mass transit and combines all of the benefits of floor heating systems with the advantages and superior durability of Baultar's flooring solutions.

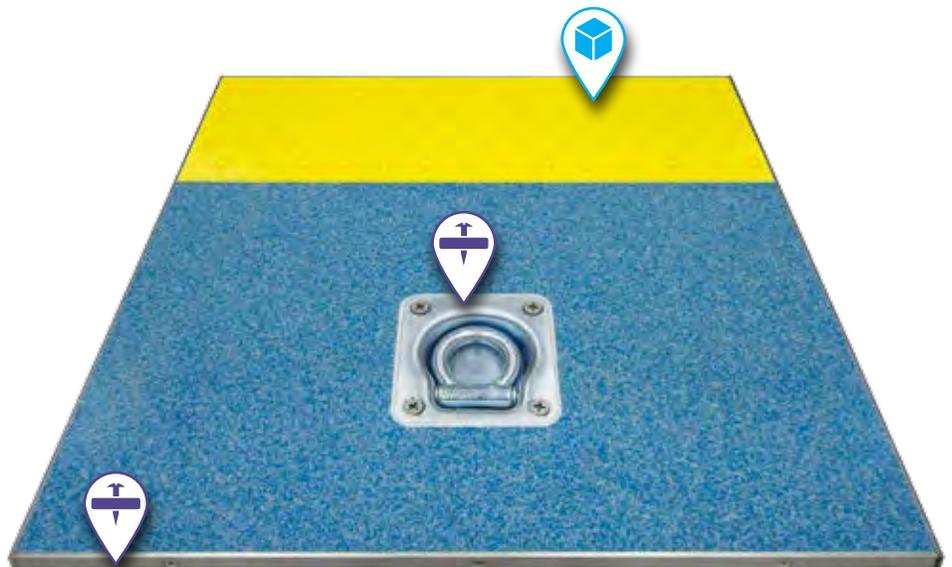


AddGRIP SURFACES

With the goal of increasing adherence, our advanced flooring system can include various types of AddGRIP surfaces and/or bands with different designs and shapes.

INSERTS

Several different types of metallic inserts can be added to our flooring system when the flooring is being adapted to meet particular requirements: trap doors (by adding handles and trims), seat supports, and tailor-made mechanical fasteners.





FASTER INSTALLATION TIME

Abrastop™ Foam flooring systems are the only product available that includes a floor covering that is perfectly integrated with a subfloor. This all-in-one product ensures our clients benefit from reduced installation time.

STEPS

Steps can be covered with Abrastop™. Silicon carbide bands can be added to make steps even more slip-resistant. Photoluminescent bands, which allow for safe evacuation in emergency situations, can also be an option.



COVE MOLDINGS

Easy to install, Baultar's cove moldings are made of Abrastop™ and can be harmonized with the selected flooring.



PERFECTLY INTEGRATED FUNCTIONS
FLOOR COVERING
PATHWAY MARKING
LOGO
HPPL
TACTILE BANDS
HEATING ELEMENT
ALL-IN-ONE
PRODUCT
ADVANCED FLOORING SYSTEM
ENGINEERING
EXPERT SERVICE
PROBLEM SOLVING
SOLUTION IMPLEMENTATION
PRODUCT DEVELOPMENT
DETERMINATION OF NEEDS
ON-SITE SUPPORT
FIRST INSTALLATION
PRODUCT DOCUMENTATION
TRAINING
FASTER INSTALLATION
SUBFLOOR
SIMPLIFIED PROCUREMENT
SHAPES
COLOR
DESIGN
THICKNESS
ADVANCED FLOORING SYSTEM
TESTING
PROTOTYPING
PRODUCT INTEGRATION
DURABLE
40 YEARS
LOW OVERHEAD
MINIMUM EFFICIENCY

DESIGNS
PATTERNS
SIZES
RS
SIGN
ESSES
ED
NG

CUSTOMIZABLE

CUT-TO-FIT

**SMART
PACKAGING**

HIGH-PERFORMING

IRE
WATER
WEAR
MPACT
ER

RESISTANT

LIGHTWEIGHT

LOW SMOKE GENERATION

SAFE

ANTI-SKID

LOW
TOXICITY

LOW COST

AL MAINTENANCE

ENT HEATING
FLOOR

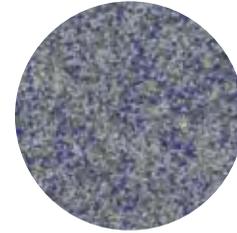
LOWER
ENERGY

CONSUMPTION

BETTER
COMFORT

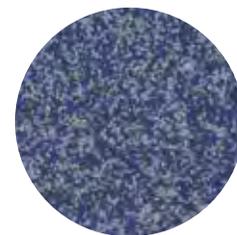
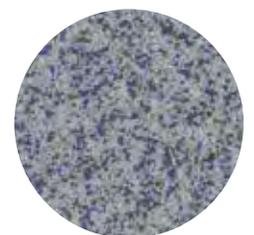
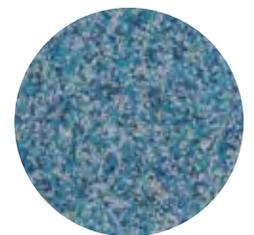
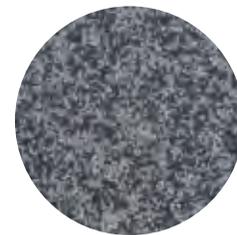
CUSTOMIZABLE

Our products are designed to be flexible and incorporate a large variety of options, shapes, thicknesses, sizes, colors, and patterns. Our goal is always to meet the specific technical and visual needs of our clients. Baultar is dedicated to providing value-added options and helping clients simplify their processes so they can increase their productivity.



DESIGN

Abrastop™ covering comes in several colors. However, new colors can also be created and harmonized with our client designs.



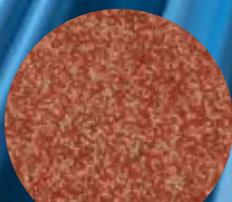
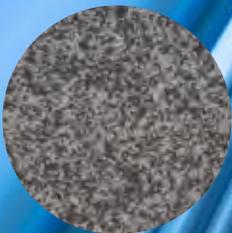


CUT-TO-FIT PANELS

During the design phase, panel sizes and shapes are defined. Panels are cut to match approved drawings using CNC machines.

SMART PACKAGING

All of our flooring solutions are delivered in kits that are packaged in a specific order. This smart packaging optimizes the installation process in the vehicle.





EXPERT SERVICE

At Baultar, we offer our clients premium service throughout the whole project process, beginning with the determination of needs and the engineering phase and ending with the successful installation of our products. Our qualified team also offers our clients exceptional support with the technical and maintenance aspects of our flooring system.

PRODUCT INTEGRATION

Installation training sessions and personalized recommendations are offered to help clients efficiently integrate the products into their own vehicles. Product information is also well-documented, and includes physical, chemical, and safety test results. We also offer on-site support for first installations.



PROBLEM SOLVING

At Baultar, we are dedicated to identifying the needs of our clients and to understanding the problems they encounter in their fields. Following the determination of needs phase of each project, we develop specific solutions that are adapted to our clients' needs and address their problems. Additionally, we work hard to ensure any problems that arise during the course of a project are solved, and that solutions are successfully implemented and all requirements are met.



HIGH-PERFORMING

The most durable lightweight flooring system.

LIGHTWEIGHT



Baultar's flooring system is a unique all-in-one product. It is a lightweight yet rigid flooring system that offers distinct structural support in a vehicle. Made of composite material, it provides excellent stiffness-to-weight ratio that ensures the flooring can help support the weight of a vehicle's passengers.

DURABLE



High traffic areas such as platforms, staircases, hallways, elevators, and lobbies are excellent locations to install floor coverings that can stand up to the comings and goings of thousands of people every day. Our flooring certainly stands up to this kind of wear. In fact, since it was first installed in the Montreal metro 30 years ago, Baultar's Abrastop™ flooring has proven its worth: it remains in excellent condition and is expected to last for many years to come.

LOWER OVERALL COSTS



The excellent lifespan of the Abrastop™ family of products makes it the most economical system used in the industry.

Abrastop™ is an extremely wear-resistant flooring option that is expected to last a minimum of 40 years without having to be replaced. With Abrastop™, clients do not need to replace the floor covering even once over its 40-year lifespan, which makes it the most economical flooring system available on the market today. Abrastop™ remains easy to clean throughout its lifetime as a result of its non-porous surface.

- Graffiti can be cleaned easily
- Chewing gum can be easily removed



RESISTANT

The incomparable strength of Abrastop™ allows the floor to remain in good condition — without requiring extensive maintenance, repairs, or replacement of parts — throughout its operational lifespan. Abrastop™ is resistant to wear, impact, fire, and water, and is perfect for mass transit applications. It acts as an effective barrier against infiltration of liquids and it protects structures and subfloors from decomposition and corrosion.



SAFE

The Abrastop™ family of products meets fire, smoke, and toxicity requirements for mass transit applications. Abrastop™ stays slip-resistant even when it is wet. A variety of other options are available to complement our Abrastop™ flooring system. All of these choices offer clients either additional adherence and/or passenger guidance options that can help to meet their transit needs. Among others, these options include: tactile strips or bands that offer guidance for the visually impaired; elevated strips or embossed patterns that offer improved grip on the floor at specific locations; and photoluminescent markings to help passengers orient themselves.





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