

***The World's Most Amazing Cementitious
Repair and Overlay Product!***

Can Your Concrete Do This?



Flex Without Failure

Lake Street Bridge – Reno, NV

- **Fiber reinforced:** Superior flexural and tensile strength as thin as 1/4".
- **High ductility,** allowing the overlay or repair to 'FLEX' without failure.
- **Resists de-icing salts,** freeze/thaw.
- **Superior tensile strain capacity** over other cement based products for improved crack resistance.
- **Superior bond strength** to that of other fiber and acrylic based mortars.
- **Patented**
- **Ideal as a structural underlayment.**
- **Prevents the propagation of existing cracks** through the surface.
- **Highly impermeable and abrasion resistant.**
- **Unparalleled as a stampable overlay.**

The World's Most Amazing Cementitious Repair and Overlay Product!

Can Your Concrete Do This?



What Sets Yeti Armor™ Apart From Every Other Repair and Overlay Mortar in the Industry?

Unlike other mortars, Yeti Armor™ is a single component, fiber based, zero polymer, engineered ductal mortar. In addition to the mechanical bond, our fiber creates a fully engaged molecular bond within the mortar matrix, providing extremely high tensile and flexural strength. This also means our product has vastly superior bond strength to anything on the market and will significantly reduce the potential for failure.

Yeti Armor's™ ability to flex and take movement is a result of our unparalleled volume of fiber loading within our patented design matrix. These unique characteristics allow Yeti Armor® to be placed directly over severely broken and degraded surfaces. Even in heavily trafficked areas, Yeti Armor® will greatly reduce the risk for spalling and delamination, eliminating the need for traditional remove and replace practices. Yeti Armor's™ unmatched durability, efficiency and reliability will significantly reduce costs in the repair and restoration of our failing infrastructure.

Our patented Yeti Armor™ Engineered Ductile Mortars contain a low embodied energy high cementitious formulation. This green technology product reduces our carbon footprint, through resource conservation and reduced landfill waste.

Ideal for infrastructure repair and overlay use on concrete walkways, driveways, curbs, ramps, slabs, spalls, cracks, bridges, parking structures, tunnels, dams, industrial plants or anywhere a high strength concrete repair mortar is required.

DOT Industrial Grade Mortar

4000 psi compressive strength in 4 hours allows fast return to service of runway or road surface!

Active Runway or Busy Highway, Yeti Armor™ is the Permanent Solution

Yeti Armor™ is designed to limit catastrophic failure no matter what material it is applied over. Its ability to micro-fracture and flex over moving surfaces, reduces the potential for structural cracking. Surfaces include: concrete, asphalt, steel, wood and EPS structural foam. More importantly, it is the only product on the market that can be applied over existing cracks and limit the propagation of those cracks through the new **Yeti Armor®** surface.



Street Repair – City of Sebastopol, CA

It is no longer necessary to follow traditional **Remove and Replace** methods of repair for failing concrete roadways, walkways, driveways etc... By significantly reducing the time of repair, a new lifecycle can be achieved with minimal environmental impact. This will also reduce repair costs by as much as 75%. Eliminates the environmental impact of waste to the landfill.



Failing broken and degraded concrete panel.



Yeti Armor™ being applied using a roller.



Repair completed with a broom finish.



After three years of continuous service.

Significant cost savings without the need for deconstruction – Annacis Island, Vancouver, BC



Distressed concrete road in high traffic industrial area.



The area is primed with Yeti Armor™ Primer and large cracks filled with Yeti Armor®.



Place and finish Yeti Armor™ (see page 11 for recommended tools).



Roadway repaired for use in a matter of hours. Traffic volume in excess of a hundred trucks per hour.

Residential & Commercial Applications Sidewalks - Driveways - Parking Lots

The Ideal Concrete Repair and Overlay Solution

Sidewalk Trip and Fall Hazard Repair— Los Angeles, CA

Trip and fall hazards are an extremely common problem in almost every city. **Yeti Armor™** allows you to permanently repair a trip and fall hazard, extending the lifecycle and giving you the look and longevity of a newly poured sidewalk.



A trip and fall liability hazard.



*The area was resurfaced with **Yeti Armor™** without deconstructing the failed surface.*



Finished repair with a new lifetime of service. Open for use within two hours of placement.

MTSU – Murfreesboro, TN

A sidewalk repair demonstration was performed at Middle Tennessee State University in conjunction with their CIM program to compare traditional **Remove and Replace** repair methods with **Yeti Armor™** encapsulation. The study proved that using **Yeti Armor™** reduced the repair time by over 80% and significantly lowered the repair cost. This also reflects minimal impact on businesses and



A severely cracked and degraded sidewalk.



*Applying **Yeti Armor™** using Yeti's specialty rollers and tools.*



Finished project opened to foot traffic within an hour of completion.

Sidewalk Repair – Minneapolis, MN

YetiArmor™ was used on this sidewalk repair to eliminate multiple trip and fall hazards. Working around utility covers often requires deconstruction of existing concrete. **Yeti Armor™** allows the contractor to reconstruct without removing the failed sidewalk panel.



Severely degraded sidewalk causing trip hazard.



No forming was necessary to extend the life cycle.



Open for use in less than 2 hours.

Yeti Armor™ is the Ultimate Infrastructure Repair Product

City Street Spall Repair – Los Angeles, CA

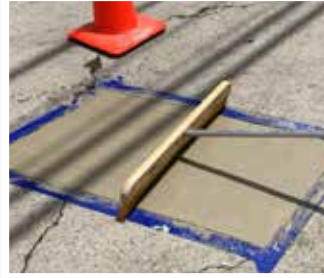
Yeti Armor's™ **Fill and Cap** procedure allows you to permanently and efficiently repair deep spalls in city streets, sidewalks and highways, allowing for a quick return to service. Major cracks or depressions are pre-filled, then a quarter inch structural cap is placed over the top.



Cracked and spalled concrete.



Cracks are pre-filled with Yeti Armor®



Structural cap is placed, and a broom finish is applied.



Spall repair one year after placement.

Post Office ADA Ramp Resurfacing – Salem, OR



Yeti Armor™ rolled over pre-primed surface using 1/2" gauge.



Overlay being finished using traditional finishing tools.

Curb Repair – Vancouver, BC – Brock White Construction Materials, CSG Group



Damaged curb was repaired without deconstruction or forming.



Unprecedented performance with over 5 years of continuous traffic abuse.

Sea Wall Repairs are a Breeze with Yeti Armor™

Sea Wall Repair – New London, CT



Removal of loose debris, pressure washing, and steel remediation are part of the reconstruction of this sea wall. Proper preparation before **Yeti Armor™** is installed will ensure longevity and lessen future degradation. Workers were able to reconstruct without any deconstruction by applying the **Yeti Armor™** in 2" lifts, eliminating the use of forms. **Yeti Armor™** was applied with trowels and then rolled into place. The final finish was achieved with smooth rollers*. Because **Yeti Armor™** can be rolled on instead of troweled, considerable labor savings are attained. This method of reconstruction drastically reduced the overall cost of the project, in comparison to deconstruction and rebuild.

Sea Wall Repair for National Park Service – San Francisco, CA



Severely degraded sea wall repaired three years ago using Yeti Armor™

This historic Sea Wall in San Francisco which had been severely damaged by long term exposure to salt water, was given new life by encapsulating it with **Yeti Armor™** Ultra High Performance Mortar. Treated with Stain Block Elite sealer, this historic monument should see decades of new life without future failure.

Sea Wall now impervious to degradation from constant exposure to salt water.

Yeti Armor™ is Ideal for Vertical and Overhead Repairs

Vertical repairs made easy without deconstruction and forming with Yeti Armor™

Hershey Park Stadium – Hershey, PA

Yeti Armor™ for vertical repair in pre-existing structures eliminates traditional demolition.



Vertical Repair of Severely Damaged Concrete – Pittsburg, PA



Severely degraded vertical wall.



A slurry coat primer is applied prior to Yeti Armor™ placement.



The degraded wall has been given a new life cycle and a brand new appearance.

The Making of a Wine Cave with EArmor® – Nine Suns Winery, Napa Valley



Spray on Yeti Armor™ for a structural and architectural finish, greatly reducing construction costs.

The Permanent Solution In Extreme and Remote Environments

Yeti Armor™ has successfully been used in harsh and remote environments where access with conventional methods would be very costly.

*By using Yeti Armor™ on the **Slide Mountain KTVN Tower Base Repair**, located at 10,000 ft in the Sierra Nevada Mountains, there was a 75% reduction in costs vs the traditional repair method specified.*



Spalled concrete with exposed rebar.



Yeti Armor™ applied with rollers and trowels.



Slide Mountain KTVN Tower

Finished repair.

Barge Repair – Matson Inc



Existing surface cleaned, prepared and primed with Yeti Armor™ Overlay Primer.



Yeti Armor™ overlay is rolled and finished over existing primed concrete to a thickness of 1 2".



This permanent repair can be done at a fraction of the cost and at a significantly reduced time frame.



YetiArmor™ offers endless opportunities for unique and difficult repair situations due to its exceptional compressive, flexural and tensile strength capabilities. We have developed a new and unique system for repairing the degrading steel decks on their ocean going ships and barges.

Once the steel on these barge decks degrades due to the constant exposure to seawater, the traditional method of repair has been to pour a 3" to 4" steel reinforced concrete topping slab over the failing surface. While this protects the failing steel, it also adds a tremendous amount of weight, severely restricting the amount of payload the ships can carry. With the Yeti Armor™ overlay system, these barges can be resurfaced using a minimal amount of material to achieve a better and more permanent repair. The decks require only 1 2" of the Yeti Armor™ material, (placed in 2, 1 4" lifts) thereby not restricting the payload weights that can be transported. This permanent repair can be done at a fraction of the cost and at a significantly reduced time frame.

Yeti Armor™ Asphalt Repair for Micro-Trenching Reinstatement

Over 1,000,000 lineal feet placed in Nashville, TN

Yeti Armor™ Ultra-High Performance Asphalt Repair is a single component, black, all cementitious, fiber reinforced, fast setting mortar that is ideal as a micro-trenching reinstatement material. For high rate production, it can be placed with a pump system specifically designed for this application. In addition to the mechanical bond our fiber creates a fully engaged molecular bond within the mortar matrix, providing extremely high tensile and flexural strength.

- Yeti Armor™ Engineered Ductile Mortars contain Proprietary High Performance Fibers meeting requirements of ASTM C-1116.
- It offers high early and superior bond strength.
- Unlike other reinstatement materials, Yeti Armor™ can be easily milled.
- Unlike other reinstatement materials, Yeti Armor™ does not emit offensive chemical or toxic odors.



Yeti Armor™ Asphalt Repair & Micro-Trenching Reinstatement Material

Yeti Armor™ Asphalt Repair being line-pumped into roadway micro-trench for fiber optic cable installation, using a volumetric mixer for an odor free, environmentally friendly, cost effective solution.



Unparalleled as a Stampable Overlay

- readily accepting all forms of pigments and stains.
- allows the accelerated use of stamps, skins and rollers, greatly reducing labor and expense.
- can be placed over new or existing flexible substrates such as plywood or masonite.

