



RUBBER SAFETY SURFACING



ABOUT US

RUBAPAVE was developed in the late 90s by Rubaroc® and was first used on the walkways and cart paths at the Valderrama Golf Club in Spain. The durability and safety features of the rubberized surface are unmatched by any other overlay offered in today's market.

RUBAPAVE can be installed over a variety of surfaces and is ready to be used within 48 hours. As the surface is made from recycled tires, you can feel good about keeping tires out of landfills. The tires are ground into rubber granules and mixed with a specially formulated polyurethane binder, to create a stunning solution for high traffic areas.

Our surface remains durable and flexible in all weather conditions, making it the perfect choice for North Americans. RUBAPAVE stays soft in freezing temperatures and cooler than concrete in the heat.

RUBAPAVE surfacing materials are low maintenance, durable, highly permeable and porous, slip resistant and resistance to everyday hostile materials found in most home garages; gasoline, diesel, transmission fluid, hydraulic fluid, salt water & more.

RUBAPAVE can be applied over existing concrete, asphalt and stone aggregate; making removal of old surfacing unnecessary. Our overlays border well with sand, water, grass, natural stone, trees, shrubs, cedar chips and more!

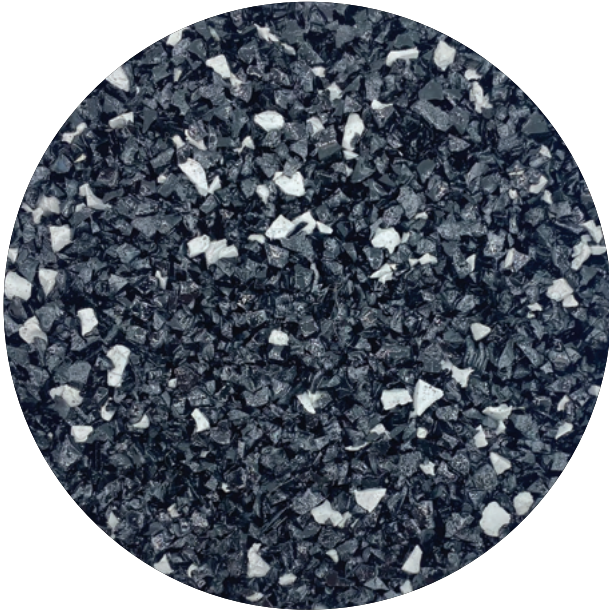
Our system is made up of unique materials when compared to traditional surfaces such as porous concrete and porous asphalt. Since RUBAPAVE is made from rubber granules it remains flexible in nature unlike the previously mentioned products. This makes RUBAPAVE easier to clean for a longer lasting surface for decades.





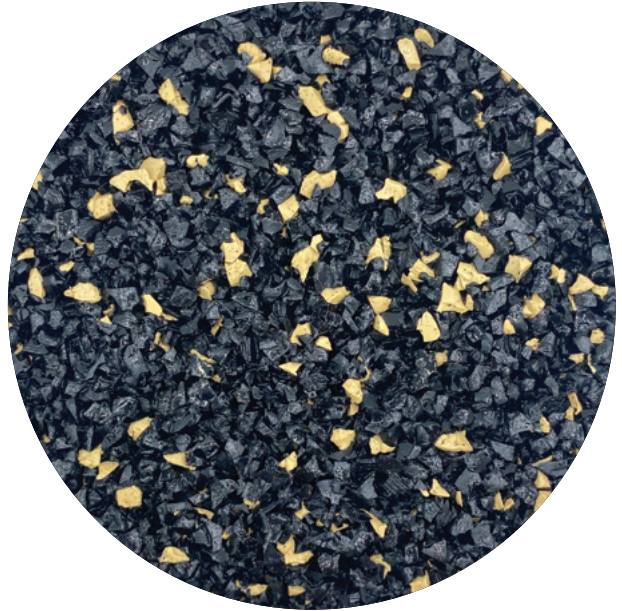


COLORS



GREY

BLACK SBR & LIGHT GREY EPDM



BEIGE

BLACK SBR & BEIGE EPDM



BLACK

BLACK SBR

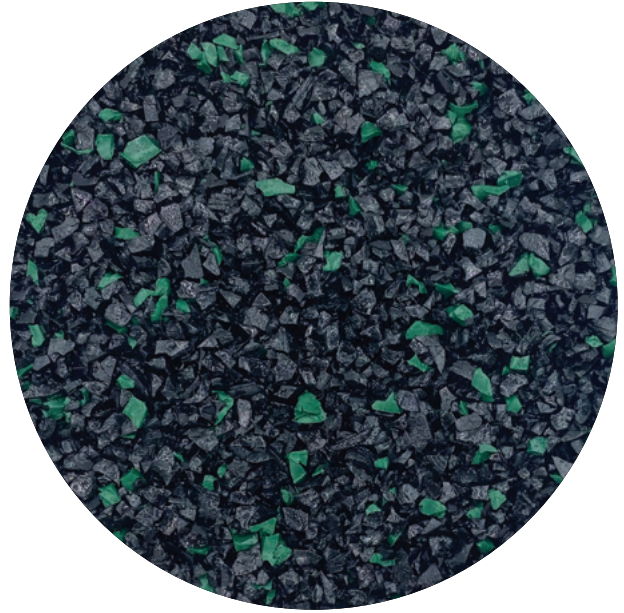
You can mix and match to create colour combinations. RUBAPAVE is pourable within forms to express creative designs, in permeable pavement with distinctive shapes in different colors.

RUBAPAVE combines SBR rubber sourced from recycled tires and a specially formulated polyurethane binder, to create a stunning solution for driveways, garages, parking lots and pathways.



BROWN

BLACK SBR & BROWN EPDM



GREEN

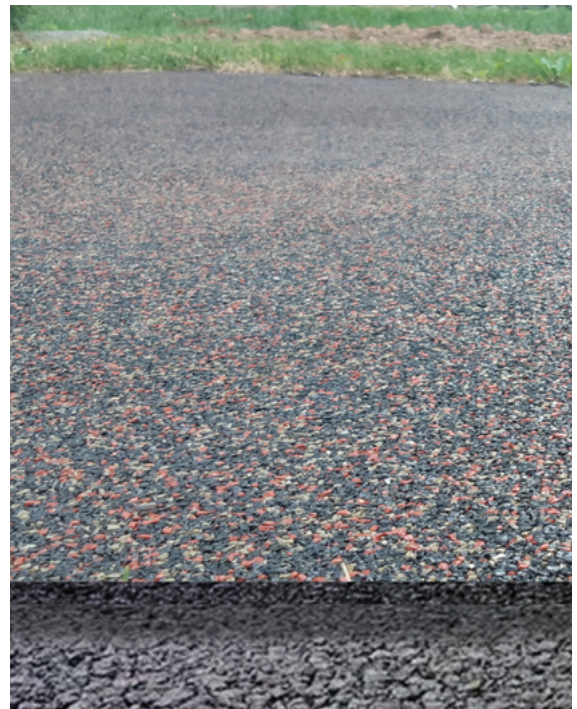
BLACK SBR & LIGHT GREEN EPDM

“BOUNCES LIKE
RUBBER
WEARS LIKE
ROCK”



CONCRETE

High durability rubber granules can be installed in high traffic areas over concrete, which is a perfect solution for your cracked concrete.



ASPHALT

The rubber surfacing is a unique material when compared to traditional surfacing materials such as porous asphalt.

APPLICATIONS



INTERLOCKING BRICK

Rubber can be applied over existing interlocking brick; making removal of old surfacing unnecessary.



STONE / AGGREGATE & MORE

RUBAPAVE can be installed over many surfacing, and stone/aggregate is one of them for his quality of cover cracked or deteriorated surface.

BENEFITS



UV STABLE

RUBAPAVE systems are installed using UV stable SBR and EPDM rubber, resulting in long-lasting color, without the hassle of yearly seal coating.



WEATHER RESISTANT

Our surfaces can be shoveled and snow plowed during the winter, and expand and contract up to 45% to reduce cracking during freeze and thaw cycles.



QUICK INSTALLATION

Many RUBAPAVE jobs can be installed in one-day without any tear-out necessary. RUBAPAVE directly covers cracked, shifted concrete, asphalt, interlocking brick and more to create a smooth, seamless surface.



SAFE FOR ALL AGES

RUBAPAVE's soft surface absorbs shock and reducing the chance of injury if a fall should occur. Even in freezing temperatures RUBAPAVE remains flexible and soft.



NON-SLIP WHEN WET

The non-slip properties of RUBAPAVE are amplified by EPDM rubber, producing a surface that is even more non-slip when wet.

THE SAFEST SURFACE FOR YOUR HOME

RUBAPAVE.COM



BEFORE



AFTER

RUBAPAVE SPECIFICATIONS

ACKNOWLEDGMENTS

The content of this guide was developed using over 38 years of installation experience acquired by the Rubaroc team in the rubber safety surfacing industry.

Rubaroc has attempted to ensure that all information contained in this guide is correct; however, there is a possibility that this guide may contain errors. Please review all critical designs with your local Rubaroc representative prior to installation. Final determination of the suitability of any information or material is the sole responsibility of the user. Products mentioned herein are subject to regional availability. Check for product availability at your local Rubaroc location or online at rubaroc.com.

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OVERVIEW

SAFETY SURFACING CONCEPTS

CONCEPTS

Rubber safety surfacing has been installed since the 1970s throughout Europe. It was originally used specifically for horse stable and athletic facilities. In 1983 rubber safety surfacing was brought to North America by our founder Barry Meakings. The potential residential market applications were quickly realized, and in 1986 the first commercial rubberized pool deck was installed in Garland, Texas.

ADVANTAGE

Rubaroc prides itself on safety, style and durability, and manufacture our products with these values in mind. We provide contractors with high quality rubber granules and specialized resins to complete a variety of installations.

Rubaroc safety surfacing offers a great variety of advantages compared to standard interior and exterior surfacing:

Non-slip - The unique rubberized properties of Rubaroc safety surfacing creates a non-slip surface, even when wet.

Durability - Rubaroc surfaces are made using the highest quality of rubber and resin, resulting in a durable surface that lasts for decades. The high compressive properties and high flexibility makes safety surfacing highly resistant to salt scaling, a common problem with some types of concrete, and ground movements due to the freeze and thaw cycles.

Maintenance - With proper installation, Rubaroc safety surfacing requires low maintenance.

Accessories - Accessory products for safety surfacing, such as logos and glow-in-the-dark accents, are available to transform outdoor spaces into more unique and functional areas.

Modularity - Rubaroc safety surfacing can be installed in a variety of patterns, including curves, straight lines and intricate designs, and add unique touches to every space. Rubaroc design applications are only limited by your imagination.

Simple to use - Rubaroc safety surfacing is a simple system consisting of primer, rubber granules and resin. Many installations are completed within one day.

Freeze-thaw resistance - Frost damage is virtually nonexistent. Rubaroc flexes during the freeze and thaw cycle preventing cracks from occurring.

Porous - Rubaroc allows unto 70% of surface water to flow through to the substrate, limiting the amount of dangerous water and ice to accumulate.

RUBAPAVE

CONCEPT

RUBAPAVE® was developed in the late 90s and was first used on the walkways and cart paths at the Valderrama Golf Club in Spain. The durability and safety features of the rubberized surface are unmatched by any other overlays offered in today's market.

RUBAPAVE® combines SBR rubber sourced from recycled tires and a specially formulated polyurethane binder, to create a stunning solution for driveways, garages, parking lots and pathways. RUBAPAVE can be installed over concrete, asphalt, interlocking brick, stone/aggregate and more. As it is made from recycled tires, you can feel good about keeping tires out of landfill and help the circular economy.

ADVANTAGES

RUBAPAVE® remains durable and flexible in all weather conditions, making it the perfect long-lasting surface for North Americans. It can withstand temperatures ranging from -148°F (-100°C) to 135°F (57°C), and be salted and snow plowed.

Low maintenance, slip resistant, and resistant to UV Rays, gasoline, diesel, motor oil, transmission fluid, hydraulic fluid, and other hostile materials that destroy the looks, and function of traditional surfacing materials.

COMPONENTS

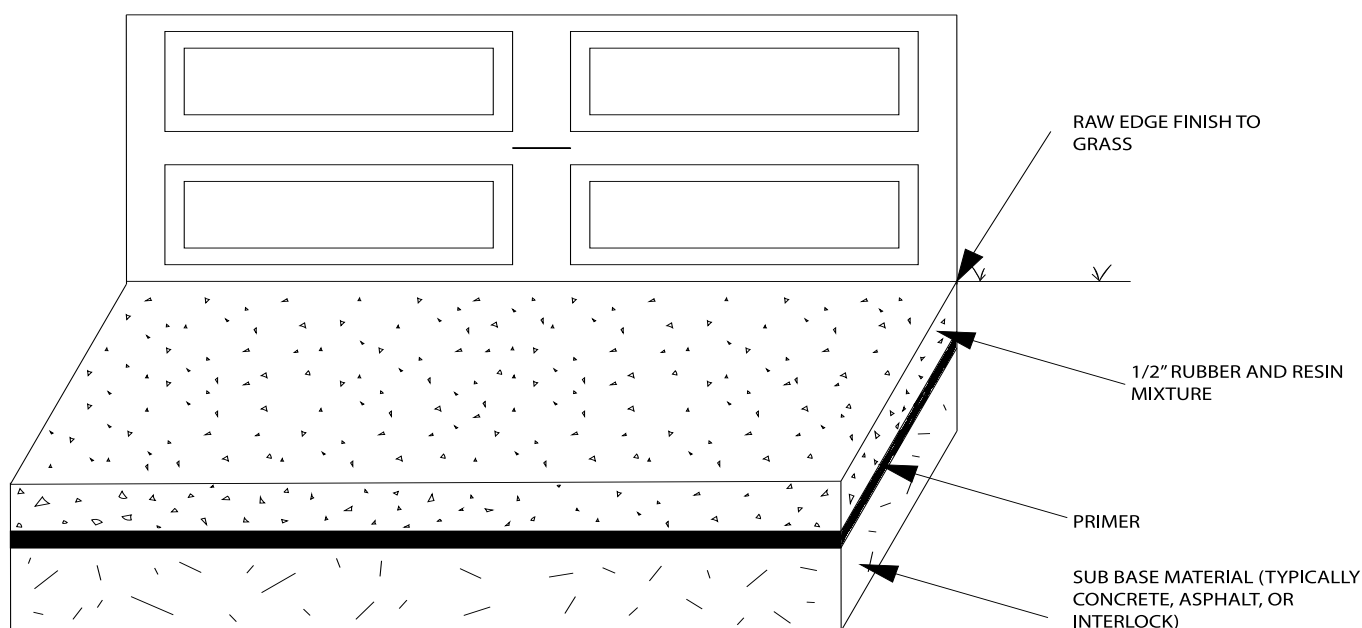


Figure 1. Typical components of a RUBAPAVE® system for driveway.

The unique aspects of RUBAPAVE® safety surfacing is that the system can be applied on a variety of old, cracked surfaces to create a strong, long-lasting surface. There are two ways to install RUBAPAVE® safety surfacing: on an existing surface or using a compacted aggregate base. (Figure 1) Installation over an existing surface is the most effective way to install RUBAPAVE®. When the existing surface has had time to settle and shift during the freeze-and-thaw cycles, RUBAPAVE® installations will maintain their integrity and look. Safety surfacing is only as strong as the surface it is installed on, therefore it is best to ensure the integrity of your substrate prior to installation.

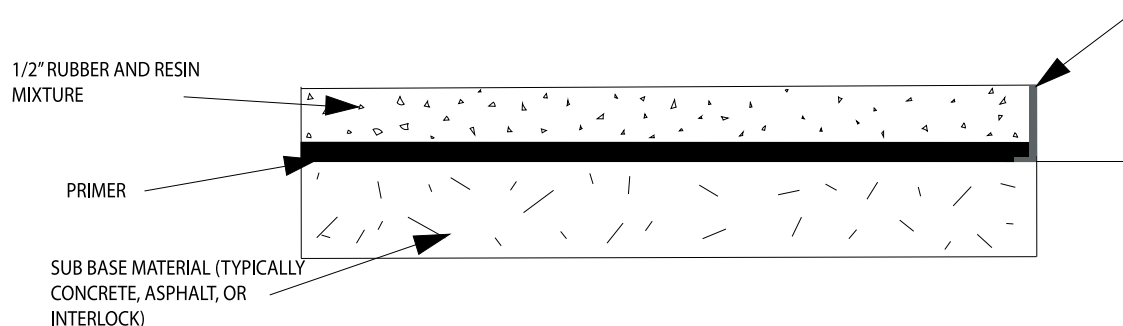


Figure 2. Installation with raw edge.

This is the most common type of edge finishing for RUBAPAVE® installations because it requires the least amount of preparation. Simply use two trowels to create a raw edge following the existing substrate. You may go back with a sharp knife to clean up this edge after the surface has cured.

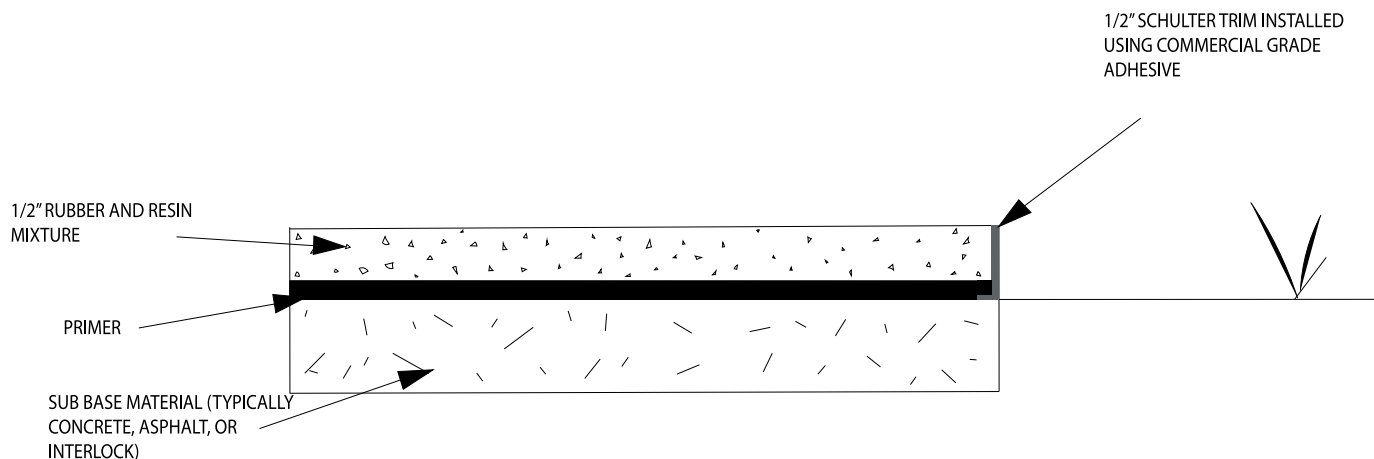


Figure 3. Installation with schluter trim edging.

Schluter trim is used to create a closed edge along RUBAPAVE® surfaces. The trim is applied prior to application around the edges and can be purchased in a variety of finishes. Schluter trim also acts as a guide to maintain 1/2" thickness.

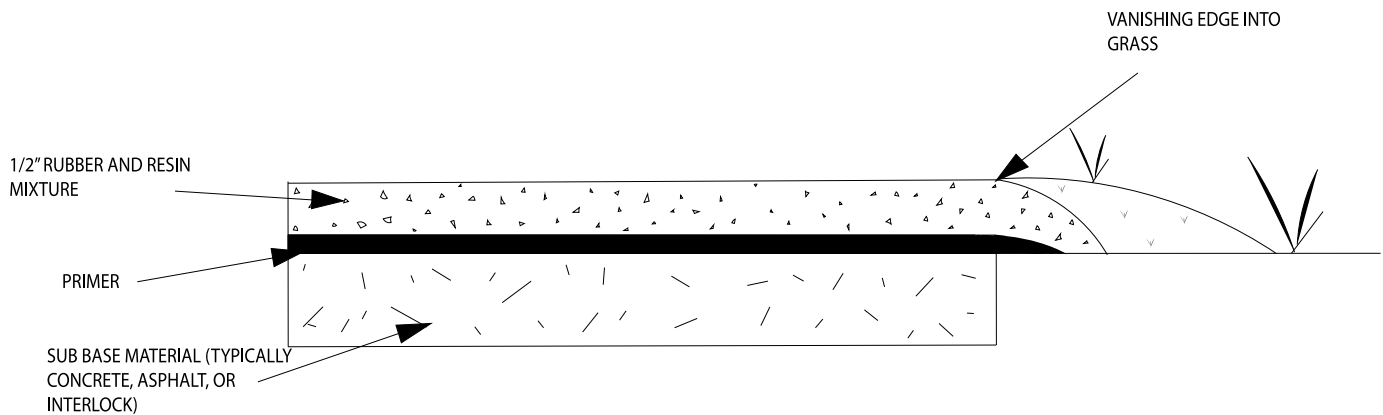


Figure 4. Installation with vanishing edge.

A vanishing edge required more preparation as the grass and dirt must be pulled back prior to installation. After the surface has cured fully, the dirt and grass is then placed back.

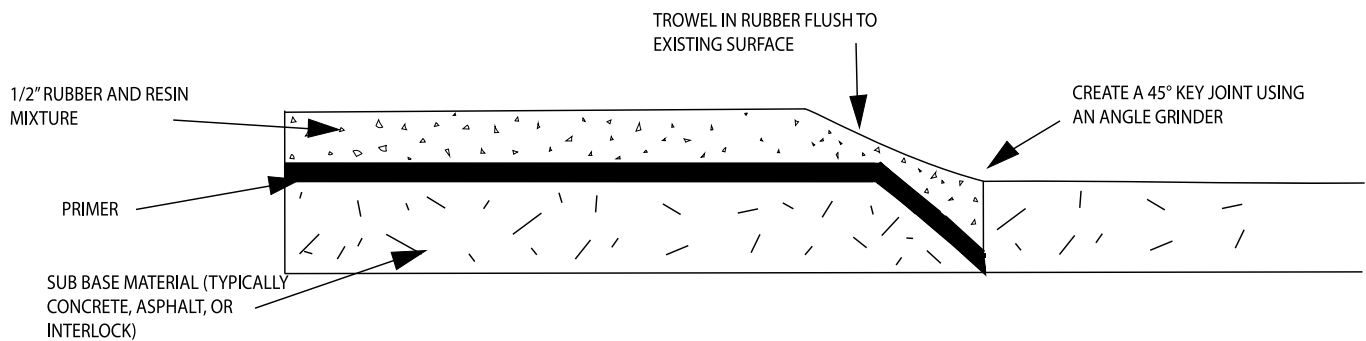


Figure 5. Installing flush with adjacent surfaces.

Prior to installation grinding around objects (i.e. drains) and edges may need to be completed to ensure that RUBAPAVE® can be installed flush and prevents any tripping hazards. If the surface has settled lower than surrounding objects and edges then no grinding is required prior. You may install thinner than 1/2" as you reach these objects and edges to ensure a smooth transition is achieved. RUBAPAVE can be installed as thin as 1/8" without impacting durability.

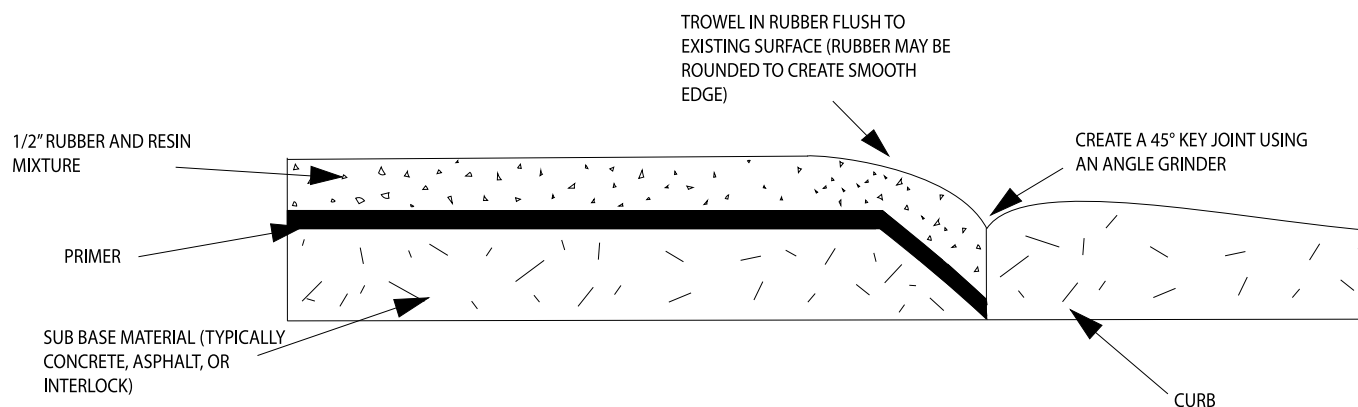


Figure 6. Finishing to curb.

When finishing to a curb that borders a road, it is important to create a 45° key joint with an angle grinder to trowel the finishing edge of the rubber. The edge nearest to roadways are most vulnerable to damage from city vehicles (i.e. snow plows and street cleaners), therefore it is important to ensure a strong edge has been created.

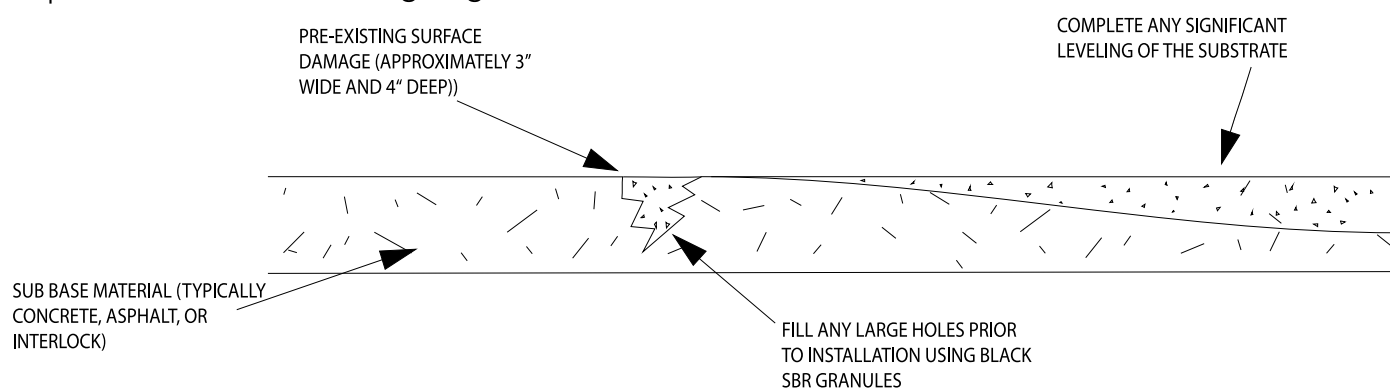


Figure 7. Completing repairs using fill prior to installation.

When preparing your substrate for installation black SBR is recommended to fill in any holes and complete any surface leveling required by the client.

All significant sized holes (i.e. 4" + deeper) should be filled in prior to RUBAPAVE® application to ensure proper materials estimating can be made.

RUBAPAVE® TOP COAT

A top coat can be applied 24-48 hours after installation for added protection and shine. It is applied using a dense foam roller and/or paint brush to new and existing RUBAPAVE surfaces. Only a thin coat is needed.



CONTACT US

Our team is excited to hear from you. Give us a call or visit us online to learn more about the amazing benefits of RUBAPAVE.

WWW.RUBAPAVE.COM

