

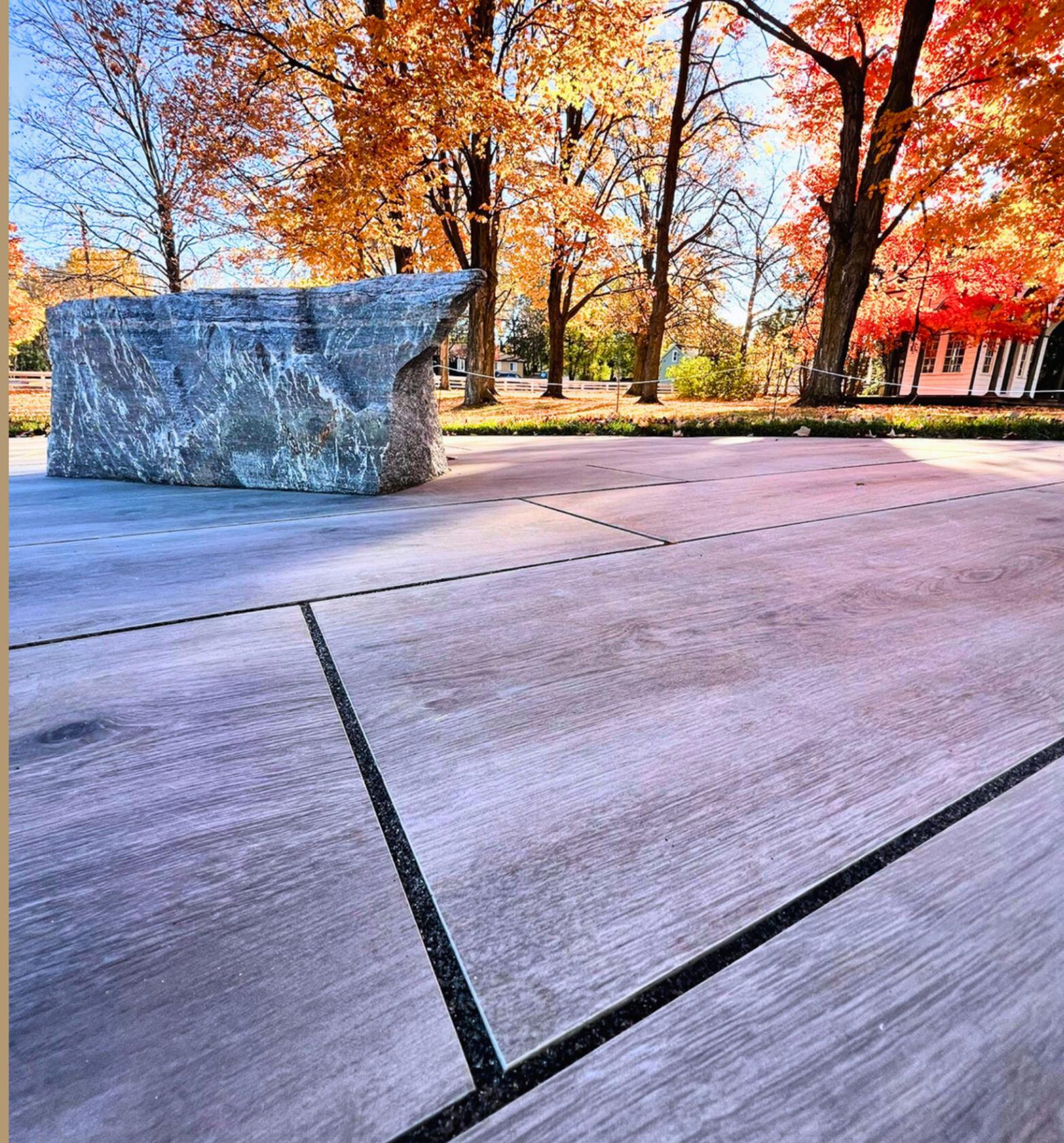


DURABLE SOLUTIONS, ENDLESS POSSIBILITIES

@romexhardscapes



[www.romexhardscapes.com](http://www.romexhardscapes.com) | 1-844-529-2330



## **ROMEX® PORCELAIN TILE GUIDE**

PERMEABLE BONDED SETTING SYSTEM WITH 10-YEAR WARRANTY

## APPLICATIONS

Residential

Commercial

## PRODUCTS FOR PORCELAIN TILE

TRASS BED | Tile Bedding

ADHESION ELUTRIANT | Thin Set

ECOFINE | Resin Jointing Sand

## SYSTEM BUILDUPS & WARRANTY

Fully Bonded | 10-Year Warranty

Bonded Edge | 5-Year Warranty

Slab Applications | 10-Year Warranty

## MORE INFORMATION

TRASS vs Concrete

Wind Uplift Prevention

RSG vs Military Tank

Working with porcelain since 1989

## WHY ROMEX WITH PORCELAIN?



### Peace of Mind

ROMEX has produced and distributed extremely durable products for over 35 years across 50 different countries. Our RSG 10-Year Warranted System is designed to deal with all pedestrian and vehicular hardscape challenges and guarantees a solid, durable and sustainable surface with porcelain tiles.



# APPLICATIONS

Residential &  
Commercial

# RESIDENTIAL

## STUNNING BACKYARD APPLICATIONS

A well-crafted porcelain surface enhances the delight of outdoor living. With our comprehensive system, you can enjoy enduring elegance with a stunning result that prevents tile movement, ensuring your new surface remains beautiful for years to come.





# COMMERCIAL

## SOLUTIONS FOR PUBLIC SPACES

Experience enduring excellence with our products, meticulously crafted for unparalleled durability. Elevate commercial and public spaces with surfaces designed to embody lasting quality and timeless resilience.



# PRODUCTS FOR PORCELAIN TILE

ECOFINE  
TRASS BED  
ADHESION ELUTRIANT

# SYSTEM COMPONENTS

## ROMEX TRASS BED

ROMEX TRASS BED is a permeable slab that forms the base of the system. It is applied at different thicknesses, 1.5" for pedestrian and 3" for Vehicular rated surfaces.

## ROMEX ADHESION ELUTRIANT

ROMEX Adhesion Elutriant is applied to the back side of the pavers and bonds them to the TRASS BED while still wet, creating a strong and unified bond.

## ROMEX ECOFINE

ECOFINE resin jointing sand is used to fill the gaps between the tiles. ROMEX also offers additional jointing options depending on the surface use.

All components must be used in combination to be eligible for our 10-Year Warranty.





# TRASS BED

## Paver Bedding

This frost-resistant permeable paver bedding is formed by mixing ASTM #9 stone with water. Once levelled, our ADHESION ELUTRIANT (thin-set) is applied on the back of each tile to form a wet-on-wet, bonded connection with the TRASS BED that eliminates tile movement. This concrete mud slab replacement combines both the slab and the mortar, creating a faster installation. TRASS also contains 20% - 30 % less embodied carbon than concrete, making it a sustainable substitution for on-slab applications.

- Traffic loads up to 40 T
- Extremely durable
- Water permeable
- Frost resistant
- 10-year warranty options



No Paver Shifting



Frost Resistant



Scan for more info!



# ADHESION ELUTRIANT

## Thin Set

Our ADHESION ELUTRIANT thin-set is mixed with water to create a glue-like material that is applied to the back of each tile that creates a wet-on-wet, securely bonded connection with the TRASS BED preventing any tile movement or displacement.

- Extremely durable
- Polymer-enhanced
- Contains TRASS cement
- Binds to tile base



No Paver Shifting



Frost Resistant



Scan for more info!





# ECOFINE

## Resin Jointing Sand

ECOFINE ready mixed jointing mortar is incredibly easy to install and perfect for joint widths greater than 1/8" | 3mm on porcelain tile. Simply empty this vacuum-packed mortar onto your surface, apply water and squeegee the product into the joints. Once ECOFINE reacts to the air it will harden preventing ants/weeds and eliminating the need for replacement or touchups.

- Compatible with any paver
- Resin film free
- Highly water permeable
- Ready-mixed
- Pool chemical resistant
- Easy to use



Ant Resistant



Weed Resistant



Scan for more info!



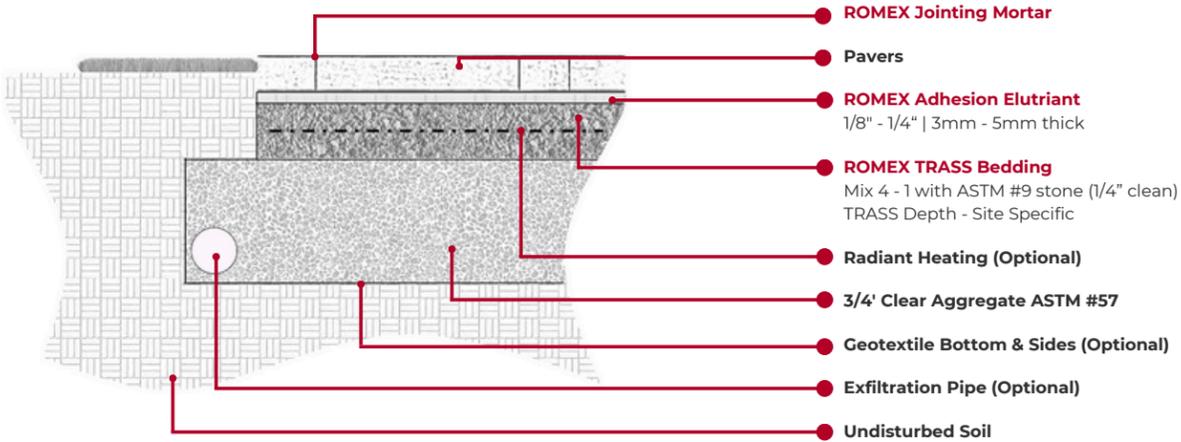


# **SYSTEM BUILDUPS & WARRANTIES**

Fully Bonded  
Bonded Edge

# FULLY BONDED SYSTEM

10-YEAR WARRANTY



This innovative and permeable bonded system allows water to flow right through and back into the ground preventing any freezing. This durable build can also withstand vehicle weight upwards of 40T and prevents surface movement from occurring.

Backed by our manufacturer’s reassuring 10-year warranty (labour and materials.)



Permeable



Frost Resistant

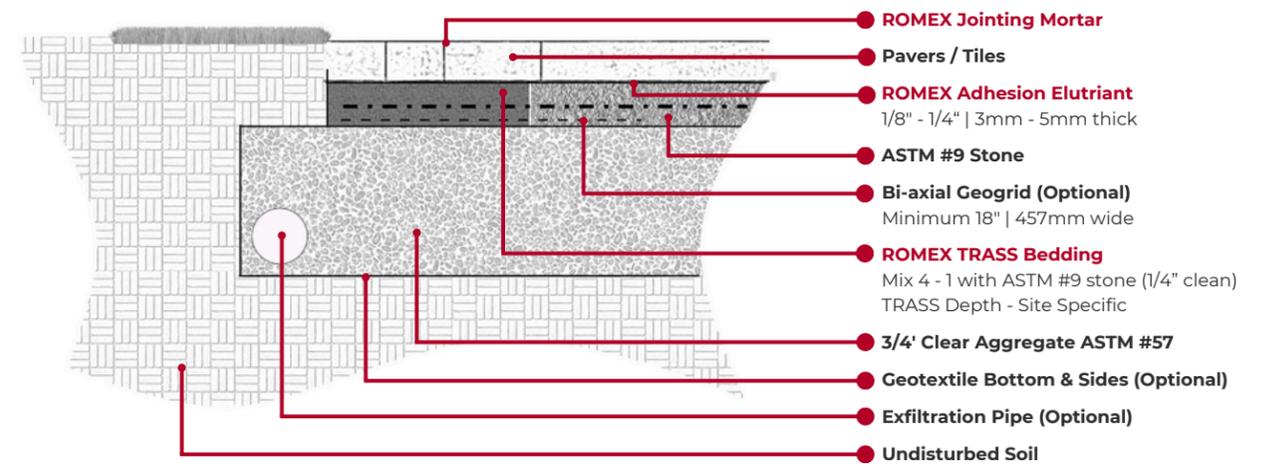


Vehicle Rated





# BONDED EDGE SYSTEM



ROMEX bonded edge system only requires the perimeter tiles to be bonded with TRASS while the interior tiles will be bonded to the open graded base, using ADHESION ELUTRIANT to prevent any lateral movement on the inside.

The width of the ROMEX TRASS edging is determined by the width of the porcelain used. It's important to ensure that all tiles on the edge are fully bonded to the TRASS without any part resting on loose bedding material.

TRASS edging should be installed at a 3" depth and must be at least 1"- 2" wider than the width of the perimeter tiles so that they are fully supported. Once completed this surface is now backed by our manufacturer's reassuring 5-year warranty (labour and materials.)



Permeable



Frost Resistant

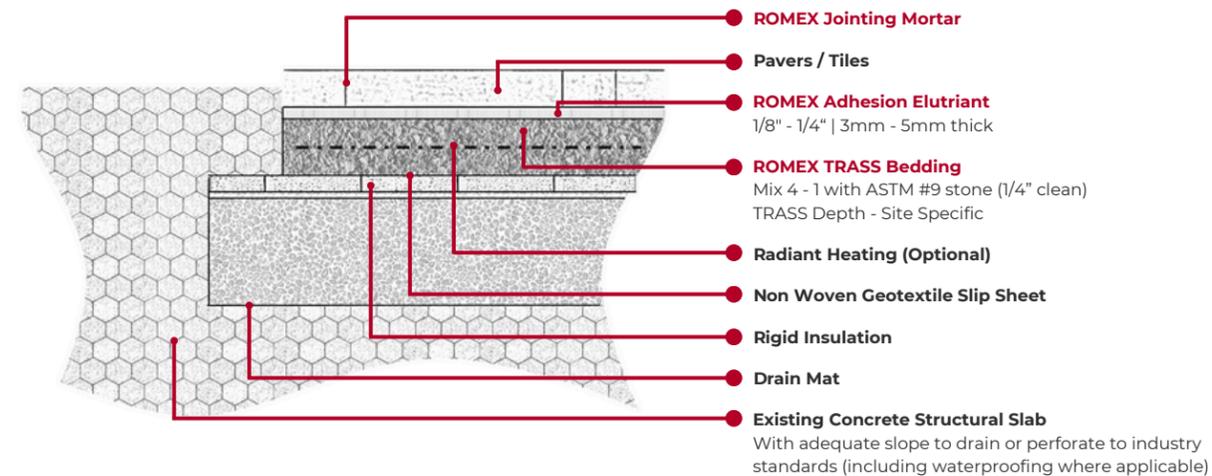


Vehicle Rated

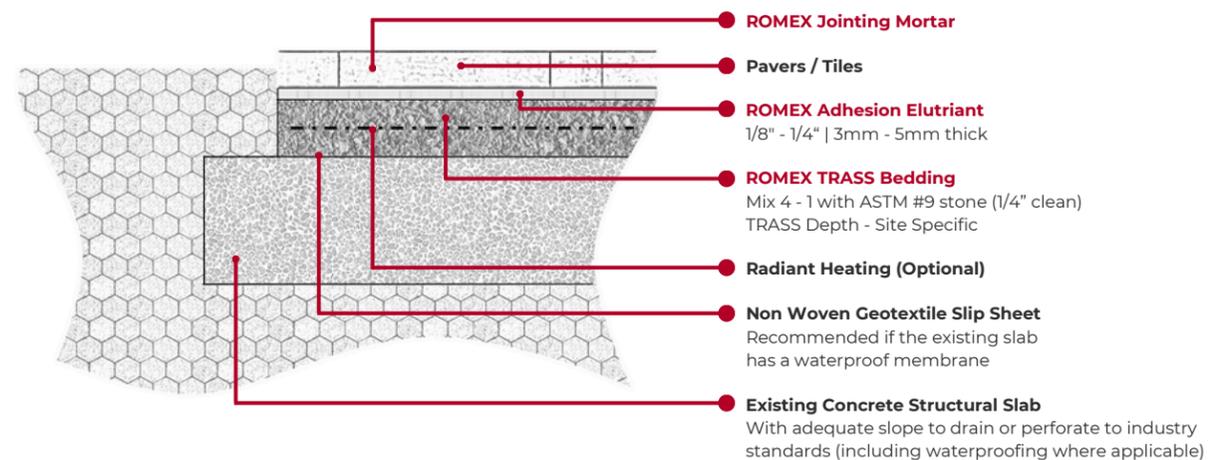
# SLAB APPLICATIONS

10-YEAR WARRANTY

## INSULATED SLAB



## NON-INSULATED SLAB





**MORE  
INFORMATION**

Discover More About  
Working with Porcelain



## WIND UPLIFT PREVENTION

This unique system is perfect for rooftop applications and helps eliminate wind uplift liability. Our tile bedding at 1.5" | 38mm depth is only 14lbs | 6.3kg per square foot, making this an extremely lightweight bonded build.



Wind uplift neutralized for a safer, lighter rooftop system.

## TRASS VS CONCRETE

ROMEX TRASS BED has significant advantages compared to concrete. With no forming, rebar, efflorescence or slab prep, TRASS is the best choice for increased time cost savings and more sustainable surfaces.



20% - 30% less embodied carbon than concrete.





## **RSG VS MILITARY TANK**

This system truly is the epitome of surface durability and resilience. Blending raw strength with sustainable practices, ROMEX RSG is unmatched.

To showcase the ability of our system we tested it with a military tank over porcelain tile. Scan the QR code below to see the video and assembly explanation.

