

ROMEX® TRASS BED

Paver Bedding

Product ID: #198

This frost-resistant permeable paver bedding is formed by mixing with ASTM #9 stone and water. Once levelled, our thin-set product is applied on the back of each paver to form a wet-on-wet, bonded connection with the TRASS BED that eliminates paver movement. This concrete mud slab replacement combines both the slab and the mortar, creating a faster installation. TRASS also contains 30% – 40% less carbon than concrete, making it a sustainable solution for bonded permeable applications.

Ideal for all residential / commercial spaces and artificial turf.

- **Traffic loads up to 40 T**
- **Extremely Durable**
- **Water Permeable**
- **Frost Resistant**
- **10-Year Warranty Options**

10-YEAR WARRANTY

RSG 10-Year Warranty

Used in combination with ROMEX® ADHESION ELUTRIANT & ROMEX® Jointing

SCAN FOR MORE INFO

No Paver Shifting

Vehicle Rated

Highly Permeable

Frost Resistant

One Time Install

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APPLICATION

Construction Site Requirements: The subsurface needs to be made load-bearing, firm and water permeable. Load distribution layers (screeds), such as areas with house utility connections as well as any slab coverings that are laid, need to have a slope of at least 1.5–3%. Any water that gathers needs to be drained with corresponding drainage measures. In case of any watertight outdoor areas and levels where water flows and partial puddles form, it is recommended to install a suitable capillary-breaking drainage mat.

Recommended Mixing Ratio: 1 volume part - ROMEX® TRASS BED Example: 10 litres | 2.6 gal 4 volume parts filler material (i.e. rolled grit/gravel 4–8 mm) | ⅛" - ⅜" Example: 40 litres | 10.6 gal

Mixing: Mixing Ratio - 1 part ROMEX® - TRASS BED COMPOUND - 4 parts filler material (e.g. ASTM #9 stone 1/4") - Approximately 8-10 liters | 2.1-2.6 gallons of water (adjust based on filler material dampness) Mix for at least 3 minutes.

Application: - The TRASS bedding thickness should be 4-10 cm | 1½" - 4" deep, depending on expected loads and the type of stone/tile used. Ensure consistent base height using an altimeter/ laser level/ string line and or screed bars. Maintain specified TRASS depth throughout to avoid compromising anticipated loads or quantity shortages. Set string lines for squareness when setting first stones. Set screed bars using TRASS bedding only. Lay/screed out the ready-mixed TRASS loosely to the appropriate depth. Do not compact. Pre-treat pavers/tiles with ROMEX® - ADHESION ELUTRIANT Thin Set and lay at the correct height and tap into place. If the area must be accessed, use plywood to disperse weight and always work from plywood sheets. Periodically check for unbonded loose pavers/tiles and reapply as needed.

Important Information: After 48-72 hours, depending on weather and mortar consistency, jointing using ROMEX® paving joint mortar can be carried out. After 7 days the surface can be walked on, after 14 days it can be driven on by vehicles up to 3,5t (private surface), after 28 days it is fully load bearing. In general all paving units should be treated with ROMEX® - ADHESION ELUTRIANT before laying onto the bedding mortar. In cold weather keep heated with an insulated tarp.

Weather Warning: Only install at temperatures between 5°C – 30°C | 41°F – 86°F. Covering is required if rain is expected. Do not install on frozen ground.

Strength and permeability can/will vary based on the local aggregate choice

Technical Data	
Compressive strength	15-35 N/mm² | 2175-5076 psi
Solid mortar bulk density	2 kg/dm³ | 1.15 oz/in³
Water permeability (Very High)	700 iph | 4.94 mm/s (dependent on agg and mix consistency)
Shelf life	12 months
Storage	On pallet, cool and dry in the original sealed bag

Volume

The volume (V) is the spatial content of a geometric body. The simplest method of volume determination is the so-called „leaching" method: the body is filled with sand or water, the amount of which is then determined in a known vessel; thus, the volume of their interior can be determined in vessels. In practice, fill the 25 kg bag - TRASS BED into a bucket and mark the fill level with a marker. Rolled gravel / grit is then filled up to this mark and you have achieved equal volume of the materials.

Loading	Depth	Coverage / x1 Bag
Residential Pedestrian	1.5" | 38mm minimum	21.28 sqft
Commercial Pedestrian	2" | 51mm minimum	16.13 sqft
Residential Driveway (< 10 tons)	2.5" | 63mm minimum	12.82 sqft
Heavy Vehicles (10 tons +)*	3" | 76mm minimum	10.75 sqft

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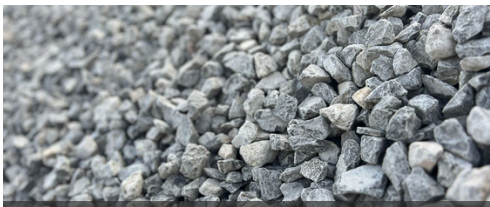


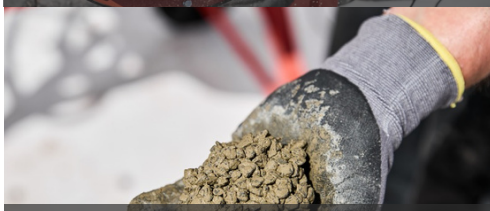
SITE REQUIREMENTS

Ensure there is suitable weather and a load-bearing permeable base in place



MIXING

Mix TRASS compound 4:1 with ASTM #9 stone and water until slightly moist



CONSISTENCY

TRASS should form like this. Slightly moist consistency



APPLY TRASS

Spread / screed the TRASS MIX flat. Do not compact



INSTALL PAVERS

Apply ROMEX ADHESION ELUTRIANT Thin Set and tap pavers into TRASS BED

CALL BEFORE YOU INSTALL

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