



# ROMEX® ADHESION ELUTRIANT

## Thin Set

Product ID: #199

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

**Ideal for preventing paver shifting.**

- Extremely Durable
- Polymer-enhanced
- Contains TRASS cement
- Binds to Tile/Paver Base
- Can be used for overlays on concrete



No Paver Shifting



Frost Resistant

*Used in combination with  
ROMEX® TRASS BED*



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

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### APPLICATION

**Construction Site Requirements:** Construct the substrate to handle the expected traffic load, following all regulations and guidelines for paved surfaces. Ensure that the surface can withstand future loads without settling or loosening stones. For impermeable substrates, provide proper drainage to prevent water accumulation. Use filter layers and slopes to direct standing water away from the impermeable surface. Plan adequate control joints approx. (20ft) based on the size and shape of the surface. Using the ROMEX® SYSTEM - GUARANTEE (RSG) is recommended.

**Preparation:** Before applying the thin set, thoroughly clean the unit pavers of dust and debris to ensure an optimal bond. Some materials such as natural stone may require scuffing of the backsides for a better bond. If being used for overlay of existing concrete ensure the concrete is loadbearing, in good condition and free from dust, debris, algae, etc.

**Mixing Ratio:** Use a clean bucket and cool, clean water. Always add ADHESION ELUTRIANT powder into the pre-measured water. This sequence ensures proper hydration, polymer activation, and a smooth, lump-free consistency. Measure the required amount of water based on your application method. For notched-trowel slurry, use approximately 0.2 liters (0.05 gallons) of water per 1 kg (2.2 lbs) of bonding slurry. For a creamier dipping consistency, use approximately 0.25 liters (0.06 gallons) of water per 1 kg (2.2 lbs). Begin by placing the correct volume of water in the bucket, then slowly introduce the powder while mixing with a professional corded drill and paddle on low speed. Mix for 3 minutes, allow a 2-3 minute slake time, then mix again to fully activate the polymer system. **Pro Tip:** By volume, the mix ratio is approximately: 30% water to ADHESION ELUTRIANT powder (by volume). Introduce the powder into the measured water, mix to uniformity, slake, and remix until the mix is spreadable but holds its shape as a peanut butter-like consistency.

**Application:** Apply the unit pavers immediately after the Adhesion Elutriant Thinset has been applied then lay onto fresh Trass bedding mortar ("wet to wet"). Do not pull the unit off the Trass bed at this point and reapply. If a unit needs to be removed, the backside must be fully cleaned and reapplied, and the Trass bed will need to be leveled off. Larger Slabs/Tiles, Apply the Adhesion Elutriant to the damp, clean underside of the slabs over the entire surface. Clean the outside 1/4" to prevent Elutriant thinset getting into the joints of the system. Use a 1/4" notched trowel to apply a layer of ADHESION ELUTRIANT. For uneven or slabs with a rough underside use a larger (3/8") notched trowel. Dipping Option (Handheld Cobble Only): Dip the damp, clean paving stones approximately 1-2 cm (0.5") deep in the ADHESION ELUTRIANT. Ensure the drainage capacity of the bedding in the joint area is maintained. Avoid oozing of the ADHESION ELUTRIANT on the stone/slab sides during installation by scraping off the bonding slurry approximately 1.5-3 cm (.5-1") from the edge of the stone/slab, using a trowel or notched tool.

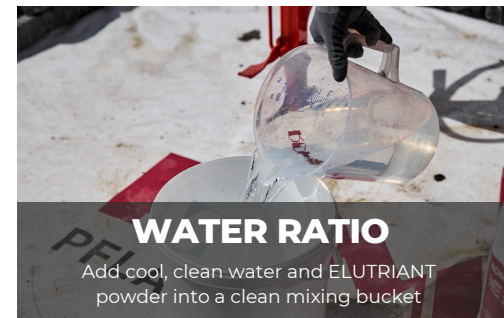
**Post-Treatment:** Protect curing cement mortar from drying out too quickly, drafts, direct sunlight, and temperatures below 5 °C (41 °F) and above 25 °C (77 °F). Light misting is permissible to ensure wet on wet application. Do not let TRASS BED dry out before applying unit pavers with ADHESION ELUTRIANT.

**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.

Loading	Depth	Coverage / x1 Bag
For All Depths	0.11" - 0.2"   3-5 mm	85 sqft

Technical Data	
Grain size	0-0.5 mm   0-1/64"
Yield	0.52 l/kg   0.13 gal/lbs
Water permeability	Impermeable
Shelf life	12 months
Storage	On pallet, cool and dry in the original sealed bag

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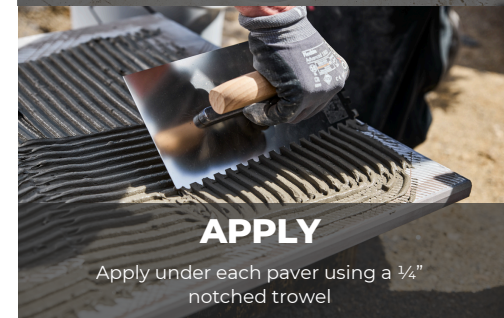
### WATER RATIO

Add cool, clean water and ELUTRIANT powder into a clean mixing bucket



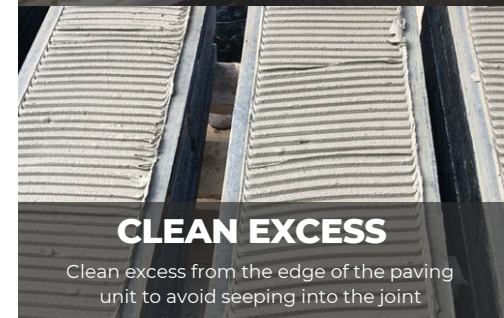
### MIXING

When mixing create a paste that holds its shape but is also spreadable



### APPLY

Apply under each paver using a 1/4" notched trowel



### CLEAN EXCESS

Clean excess from the edge of the paving unit to avoid seeping into the joint



### PLACE PAVERS

Gently tap paving unit into TRASS BED, ensuring the proper tile setting method



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