



## ROMEX® D2000

### Heavy Vehicle Jointing

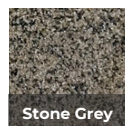
The strongest product in our jointing line, D2000 is similar to D1 but allows for a quick re-opening to vehicle use and is resistant to street cleaning vehicles. This compound has a strong pouring capacity that is self-compacting, permeable and suitable for over 1/4" | 5mm wide joints on all natural stone and concrete pavers. Just like our other products D2000 is resistant to ants, weeds, frost, de-icing salts and is pressure washer safe.

**Ideal for heavy commercial loading.**

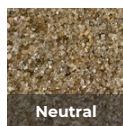
- For traffic loads up to 25 T (40T with ROMEX TRASS BED)
- Pressure washer safe
- Resistant to de-icing salts
- Allows for quick re-opening to traffic



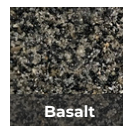
Heavy Vehicle Rated



Stone Grey



Neutral



Basalt



# ROMEX® D2000

## Heavy Vehicle Jointing

### APPLICATION

**Construction Site Requirements:** Prepare the foundation according to the expected traffic loads. Follow regulations and guidelines for constructing paved stone surfaces. Ensure future loads won't cause the surface to settle or loosen stones. For best results, use ROMEX® Trass-Bed products and the ROMEX® SYSTEM-GUARANTEE (RSG). Use ROMEX® application tools for optimum results.

**Preparation:**

Clean joints to a depth of at least 30 mm (1 ¼"). For traffic loads, clean to ¾ of stone height, with a minimum joint width of 5 mm (¼"). Clean the surface of all impurities before starting. Tape off adjoining surfaces not to be joint-fixed.

**Pre-wetting:** Pre-wet the surface. More porous surfaces and higher temperatures require more intense pre-wetting.

**Mixing:** Pour the 25 kg (55 lbs) filler component into a mixing tub. Slowly add the 2.5 kg (5.5 lbs) resin/hardener component while mixing. Rinse both resin/hardener bottles with 0.5 litres (0.13 gal) of water, shake, and add to the mixture. Mix for 3 minutes. Add 2 litres (0.53 gal) of water and continue mixing for at least 3 more minutes. Use a rotary drum or Drill mixer.

**Application:** Apply the mixed mortar onto the pre-wetted surface. Work the mortar into the joints using a squeegee or rubber slider. Pour the mortar at several spots to maximize fluidity. If not using all the mortar immediately, remix briefly before continuing to ensure optimal flow. Regularly clean tools and work shoes with water during jointing to avoid impurities and footprints. On warm days or to increase flow, the D2000 mortar can be sprayed with water.

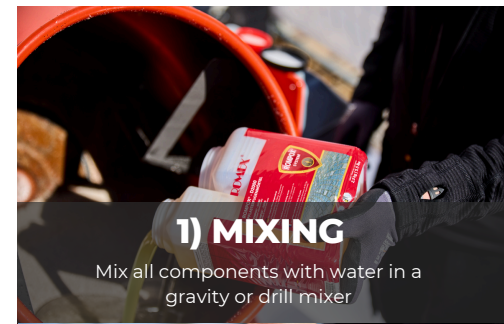
**Final Cleaning:** After approximately 10 minutes, sweep off excess mortar with a coarse broom. Use a soft broom for final cleaning until all residual mortar is removed. Sweep diagonally to the joint. Do not reuse swept-off material.

**Subsequent Treatment:** Rain protection is not necessary during drizzle but is required for persistent rain. Protect the surface for 12-24 hours in case of heavy or continuous rain. Ensure air circulation by not placing rain protection directly on the surface.

**Important Note:** A thin epoxy resin film may remain on the stone surface initially, enhancing color and providing dirt protection. This film is temporary and will disappear due to weathering and abrasion. Test a sample surface if unsure before full application. A resin film is not an application fault and does not compromise surface quality. Refer to your ROMEX® representative for more information.

Test report no. 55-2909/04 CPH-7134-D2000, audited colour „neutral“, goods in bags.		
System	2-component epoxy resin pavement jointing mortar	
Compressive strength	51.9 N/mm <sup>2</sup>   7 528 psi Laboratory value 24.2 N/mm <sup>2</sup>   3 510 psi Building site value	DIN 18555 part 3
Bending tensile strength	15.4 N/mm <sup>2</sup>   2 234 psi Laboratory value 9.0 N/mm <sup>2</sup>   1 305 psi Building site value	DIN 18555 part 3
Static elasticity module	11 200 N/mm <sup>2</sup>   1 624 421 psi Laboratory value 2 390 N/mm <sup>2</sup>   346 640 psi Building site value	DIN 18555 part 4
Hard mortar raw density	1.76 kg/dm <sup>3</sup>   1.02 oz/in <sup>3</sup> Laboratory value 1.65 kg/dm <sup>3</sup>   0.95 oz/in <sup>3</sup> Building site value	DIN 18555 part 3
Application time at 20 °C   68 °F	15–20 minutes	
Application temperature	> 0 °C up to max. 30 °C   > 32 °F up to max. 86 °F At lower temperatures slow hardening, At high temperatures quick hardening	
Re-opening of surface at 20 °C   68 °F	after 6 hours can be walked on, after 24 hours fully load bearing	
Water permeability coefficient*	9.06 × 10 <sup>-6</sup> m/s ≈ approx. 0.03 l/min/m <sup>2</sup> for a joint fraction of 10 % 1.3 iph ≈ approx. 0.0007 gal/min/sqft for a joint fraction of 10 % (with appropriate compacting)	
Storage life	24 months resin/hardener components: frostfree, filler components: dry	

Consumption table in kg/m <sup>2</sup>   lb/sq ft - Basis of calculation: joint depth Ø 30 mm   1 ¼"							
Joint width	Stone size	80 × 40 cm 31 ½" × 15 ½"	60 × 60 cm 23 ½" × 23 ½"	40 × 40 cm 15 ½" × 15 ½"	32 × 24 cm 12 ½" × 9 ½"	24 × 16 cm 9 ½" × 6 ¼"	9 × 11 cm ¾" × ¾"
	5 mm   ¼"(min.)	0,9 kg 2.1 lbs	0,8 kg 1.9 lbs	1,2 kg 2.7 lbs	1,8 kg 3.9 lbs	2,5 kg 5.6 lbs	4,7 kg 10.3 lbs
	10 mm   ½"	1,8 kg 4.1 lbs	1,6 kg 3.6 lbs	2,4 kg 5.4 lbs	3,5 kg 7.6 lbs	4,8 kg 10.6 lbs	8,5 kg 18.7 lbs
	Polygonal slabs	approx. 4–6 kg   8–13 lbs					



### 1) MIXING

Mix all components with water in a gravity or drill mixer



### 2) WET SURFACE

Pre wet the surface with a hose



### 3) POUR ON

Dispense product onto paving surface



### 4) WORK INTO JOINTS

Use a squeegee to distribute the mortar into the joints



### 5) FINAL CLEANING

Allow the surface to partially air dry before final brooming



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