
ROMEX ROMPOX DRAIN - 2 COMPONENT EPOXY PAVER JOINTING MORTAR

Daltile Xteriors - Master Guide Specification

32 14 00 – Unit Paving
32 16 00 – Curbs, Gutters, Sidewalks, and Driveways

PART 1 – GENERAL

1.1 SUMMARY

- 1.1.1 This specification describes the application of two component, permeable paver jointing mortar for medium traffic loads. This will include any test standards that are applicable to Rompox Drain or applicable to jointing mortar in general.

1.2 QUALITY ASSURANCE

- 1.2.1 Manufacturing qualifications: The manufacture of the product shall be ISO 9001 certified and obtain a good ongoing quality assurance program
- 1.2.2 Contractor Qualifications: Contractor should be qualified in the field of hardscape with a successful track record. The contractor should have qualified personnel that are trained in Romex products by a Romex representative
- 1.2.3 Install materials in accordance with all environmental conditions required by the manufacture. All products installed should be installed under the safety conditions set forth by the manufacture or as modified by the applicable rules and regulations of the local, provincial, and federal authorities having jurisdiction. Consult safety data sheets for all handling recommendations.

1.3 DELIVERY, STORAGE, AND HANDLING

- 1.3.1 All materials must be delivered in original, unopened containers with the manufacturer's name, labels, product identification, and batch numbers. Damaged material must be documented and removed from site.
- 1.3.2 Store all materials off the ground and avoid excessive heat, rain, or freezing temperatures until ready for use.

1.4 JOB CONDITIONS

- 1.4.1 Site Conditions: The foundation needs to be prepared according to the expected traffic loads. Regulations and leaflets regarding construction of paved stone surfaces should be heeded. Future loads must not cause the surface to settle or loosen stones.
- 1.4.2 Environmental Conditions: Do not apply if the surface of the Ideally, you would use ROMEX® Trass-Bed products as well as the ROMEX® SYSTEM-GUARANTEE (RSG). For optimum application it is recommended using ROMEX® application tools. Area receiving the product is below 0°C (32°F). Product should not be applied in heavy rain.
- 1.4.3 Protection: Precautions should be taken to protect surrounding surfaces that are not to receive the product.

1.5 SUBMITTALS

- 1.5.1 Submit two (2) copies of the manufacturer's literature. This includes a Product Data Sheet (PDS) and a Safety Data Sheet (SDS).

1.6 WARRANTY

- 1.6.1 Provide a written warranty from the manufacture against defects of materials for a period of (X year(s), This begins at the date of substantial completion of the project.
- 1.6.2 ROMEX® Rompox D1 can be used with the ROMEX® Trass-Bed products as well as the ROMEX® SYSTEM-GUARANTEE (RSG).

PART 2 – PRODUCTS

2.1 MANUFACTURES

- 2.1.1 ROMEX® Rompox Drain as manufactured by Romex AG, Mühlgrabenstraße 21, 53340 Meckenheim, Germany is considered to conform to the requirements of this specification.

2.2 MATERIALS

- 2.2.1 25 kg (55.1 lbs) of Romex silica sand filler component.
- 2.2.2 ROMEX® Rompox D1 two-component epoxy resin paving jointing mortar
- 2.2.3 Potable water

2.3 PERFORMANCE CRITERIA

See Product data Sheet (PDS)

PART 3 – EXECUTION

3.1 INSPECTION

- 3.1.1 Examine all joints to be filled with ROMEX® Rompox Drain. Ensure that they have been cleaned as per the manufacture's recommendations. A minimum joint depth of 30mm (1 3/16") is required. A minimum joint width should be 3mm or 1/8"
- 3.1.2 Application of the materials constitutes an acceptance of the site, surface, and environmental conditions at the time of application
- 3.1.3 Temperature readings of the ambient and substrate must be taken and recorded before and during application.
- 3.1.4 Do not apply the ROMEX® Rompox Drain if the temperature is below 0oc (32°F)

3.2 SURFACE PREPARATION

- 3.2.1 All joints must be cleared of any all debris. Surface of pavers must be washed and cleaned of any impurities.
- 3.2.2 Contractor is to complete the "Contractor Pre-Install Site Checklist" supplied by Romex.
- 3.2.3 Areas or walls adjacent to where the paving will be grouted must be protected / taped off to prevent the jointing mortar leaving a visible resin film on their surface.

3.3 MIXING

- 3.3.1 In a gravity mixer, start the mixer at an angle and pour in one full bag of Romex silica sand filler component.
- 3.3.2 Remove the lids from both bottles and empty them into the mixer.
- 3.3.3 Mix for three (3) minutes.
- 3.3.4 While it's mixing, fill both bottles to the top with clean water.
- 3.3.5 Remove the lids from both bottles and empty them into the mixer.
- 3.3.6 Place the lids securely back on the bottles. They can now go to plastics recycling.
- 3.3.7 Mix for another three (3) minutes, making six (6) minutes of total mixing time (per mix).
- 3.3.8 Romex Rompox Drain Jointing Mortar is now ready for installation.

3.4 APPLICATION

- 3.4.1 Use a light spray. Cover entire surface thoroughly but not that the joints are filled with water. Hotter days require more pre-wetting.
- 3.4.2 Pour mixed jointing mortar 3-4 piles within the target area to be grouted.
- 3.4.3 Using a squeegee work the mortar across the entire surface and into the joints.
- 3.4.4 Let the wet jointing to the joints to fill them completely. A second pass with more mortar may be required to ensure a complete joint fill.
- 3.4.5 When the joints are filled, use the squeegee at a 45-degree angle to the joints and work to remove as much of the excess material as is reasonably possible from the surface.
- 3.4.6 Ensure that wet jointing mortar mix is worked across the entire stone surface, to every corner (not just where there are joints) to create a uniform looking finish.
- 3.4.7 In cases where the weather is warmer (or the joints are tighter), the jointing mortar can be lightly sprayed with water to increase its workability and allow it to better flow into the joints.
- 3.4.8 After about 20 minutes, it will be ready for cleaning off. Use a flat, stiff-bristled broom to sweep the excess mix off the surface.
- 3.4.9 After the stiff bristle broom use a soft bristle broom to do a final cleaning.

3.5 MOCKUP

- 3.5.1 A job site mockup should always be performed to ensure that the product or system conforms to the aesthetic, that material coverage rates are known and methods and workmanship are understood.
- 3.5.2 Adhere to all the product limitations and cautions outlined by the manufacture.

3.6 CLEAN UP

- 3.6.1 Clean tools with water and brush after application
- 3.6.2 If material has hardened, the use of Romex – Power Clean may be needed.

END OF SECTION