

RSJM Rapid Set Jointing Mortar

Description

RSJM is a natural grey, shrinkage compensated, rapid setting jointing mortar with a fluid consistency, designed for use in rigid construction of pavement and carriageways. The product complies to the requirements of BS 7533 and should be used in accordance with this standard and manufacturer's instructions.

Applications

RSJM is suitable for use in the following applications,

- Jointing of paved pedestrian areas in town centres
- Jointing of paved pathways and carriageways.
- Jointing of natural stone and clay pavements/carriageways where a rigid or bound, void-free joint is required.

Product Use

Joints must be free from dust, grease or any loose debris. The application area must be pre-soaked with clean water immediately before application of the material, ensuring to remove any ponded water from the surface.

Preparation: Joints must be free from dust, grease or any loose debris. The application area must be pre-soaked with clean water immediately before application of the material, ensuring to remove any ponded water from the surface.

Mixing: RSJM should be mixed in a suitable site mixer or with a paddle drill, with approximately 4.25 litres of clean potable water (per 25kg bag of material) for 3 minutes to reach a lump free flowing consistent slurry. Do not remix or add additional water to the mix. Only mix enough material which can be placed within 10 minutes.

Placing: Pour the fresh mortar onto the prepared paved area and chase into all joints with a soft brush or squeegee. Ensure joints are full, allowing for settlement and remove any excess material with the squeegee once joints are full. Spray a mist of water onto the area at all times to aid the cleaning process. When the joints are sufficiently hard (this could be as soon as 15 minutes) remove any residual material with a constant flow of water and a diagonal sweeping action. A specifically designed belt cleaner can also be used. Timing and experience are critical to ensure no staining occurs. Once cleaned inspect all areas to ensure all excess mortar is removed.

Technical Data

KPRO RSJM is produced in an ISO 9001 quality-controlled environment to the requirements of BS 7533.

Characteristic	Data value
Compressive Strength (28 days)	> 53 N/mm ²
Flexural Strength (28 days)	> 9 N/mm ²
Density	2060 kg/m ³
Adhesion Strength	> 1.5 N/mm ²
Modulus of Elasticity	20,000 N/mm ²
Shrinkage	<0.1%
Initial Set	15 min
Final Set	60 min
Colour	Standard Grey



Benefits

- Rapid Setting – Initial set in 15 minutes
- Shrinkage compensated
- Light foot traffic in just 1 hour
- Complies with BS 7533
- Long term durability
- Convenient and User-Friendly
- Eliminates wastage
- Promotes cleaner and safer sites

Approximate Yield

Paving Flag	25kg Yield (m ²)	Paving Block	25kg Yield (m ²)
400x400x40	7.1	100x100x60	2.4
400x400x50	5.8	100x100x80	1.8
400x400x60	4.8	200x100x60	1.7
450x450x40	8.1	200x100x80	1.3
450x450x50	6.4	200x200x60	1.3
450x450x60	5.4	200x200x80	1.0
600x300x50	5.8	240x160x60	2.5
600x300x60	4.8	240x160x80	1.9
600x600x50	8.6	200x300x60	2.9
600x600x60	7.1	200x300x80	2.2

Application Temperatures



+5°C to +30°C

Health & Safety

Please refer to the relevant Material Safety data sheet online at www.kilsaran.ie.

Pack Size

- 25kg premixed bags

Get in touch



ROI T: +353 (0)1 802 6300 E: technicaladmin@kilsaran.ie kilsaran.ie
UK T: +44 (0)161 872 8899 E: info@kilsaraninternational.co.uk kilsaraninternational.co.uk