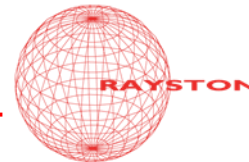


RAYSTON JOINT MORTABAN



Joint-sealing flexible mortar

DESCRIPTION AND APPLICATIONS

Rayston Joint Mortarban is a 2-component product for expansion joint filling/sealing. Component A is an aqueous dispersion of synthetic resins and Component B is a special cement formulation. After curing, the product forms an elastomeric material suitable for joint and fissure filling for concrete, ceramic and other cementitious substrates

- Prefabricated concrete structures
- Concrete piping, tanks, canals, under permanent water contact.
- Concrete wall and floor repairs where flexibility is desired.
- Suitable for application on TPE.

ADVANTAGES

- Absorbs movements up to 15%
- Resistant to weathering
- Excellent adhesion on wet supports
- Good thixotropy. No sagging.
- Drinking water approved
- Easy application

TECHNICAL DATA

INFORMATION ON THE PRODUCT BEFORE APPLICATION

	Component A	Component B
Chemical description	Synthetic resin water dispersion	Cement and additives
Physical state and colour	Liquid milky white	Powder gray
Packaging (Pre-dosed Kit A+B)	5 kg	5 kg
Density (g/cm³)	0.95-1.10	0.8-1.00
Grain size	--	0.4 mm
A/B ratio	A=100, B=100 by weight	
Mixture properties	Density: 1.3 g/cm ³ (approx.)	
Colour	Gray. Other colours possible under request.	
Pot life		
Approximate	Gray. Other colours possible under request. 25°C, 50% hr	Pot life (min) 30 to 60
Storage	Keep between 10°C and 30°C protected from moisture, sun and frost	
Use before	12 months after manufacturing date, in its unopened container	

INFORMATION ON THE FINAL PRODUCT

Final state	Solid flexible membrane
Colours	Standard colour is gray. Other colours available on request.
Solid density	1.15 g/cm ³
Hardness (Shore)	37 A
Mechanical properties	Maximum elongation: 60% Maximum tensile strength: 0.38 MPa

SUPPORT REQUIREMENTS

Support must have the mechanical properties listed below:

Minimum cohesive strength: 1,5 MPa
Compression resistance: at least 25 MPa

It must be clean, dry and with no signs of poorly adhesive areas. It must be free from oil stains or other synthetic products.

Support temperature should be between 10°C and 30°C. Do not use below 5°C.

The product can be applied on joints of maximum size 8 mm (width) and 30 mm (depth).

HUMIDITY AND TEMPERATURE

Air temperature should be between 10°C and 30°C. Do not use below 5°C. Avoid application if rain or immediate (before 24 h) moisture is expected.

PREPARATION AND MIXING

Verter el componente A en un recipiente limpio y añadir lentamente el componente B agitando (400 a 600 rpm) hasta que se obtenga una masa homogénea. Dejar reposar 5 minutos, reagitar brevemente y usar inmediatamente

APPLICATIONS

Use a joint polyethylene ribbon such as Rayfond of a suitable size (25% width excess) to limit depth of application.

Before application of Rayston Joint Mortarban, wet gently the surface, avoiding an excess of water.

Usually no primer is needed. On high porous surfaces, however, it is advised to primer with Component A applied by brush and apply the mixture AB after 30 to 120 minutes.

Apply with spreader avoiding bubble formation, filling the joint. Unusually large joints should be filled starting at the edges.

Avoid premature drying under warm conditions (>30°C). Keep the product moist while curing.

RECOMMENDED QUANTITIES

Recommended quantities of Rayston Joint Mortarban depend of the joint size; 10x10 mm: 0,125 kg of Rayston Joint Mortarban for each linear metre. 1 kg of Rayston Joint Mortarban fills approximately 0,79 litres.

CURING TIME

Rayston Joint Mortarban can be covered with other construction products after 7 days. Permanent water immersion is allowed after 3 weeks (20°C, 50%rh).

TOOL CLEANING

Component A and B can be cleaned with water. Cured product cannot be dissolved

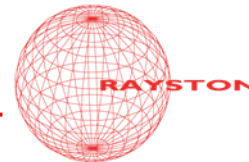
FAQ

Problem	Answer
What if pot life is too short?	Remix slowly. Never add more water. Mix only the material you are able to use within 20-30 minutes.
Adhesion is difficult on some substrates	Do not apply on water-repellent substrates, bituminous surfaces or coated materials.

SAFETY

Component B is abrasive. Always follow the instructions provided in the material safety data sheet and take the precautions described there. As a general rule, any skin contact avoided and dust inhalation. This product is intended to be used





Joint-sealing flexible mortar

only for the uses and in the way here described. This product is to be used only by industrial or professional users. It is not suitable for DIY-type uses.

ENVIRONMENTAL PRECAUTIONS

Empty containers must be handled taking the same precautions as if they were full. Containers must be considered as waste, to be disposed of according to local law. If there is some residual product in the containers, component A and B can be mixed, always according to the A/B ratio, and allowed to cure.

OTHER INFORMATION

The information contained in this Technical Data Sheet, as well as our advice, both written as verbal or provided through testing, are based on our experience, and they do not constitute any product guarantee for the installer, who must consider them as simple information.

We recommend to study deeply all information provided before proceeding to the use or application of any of our products, and strongly advise to conduct tests "on-site" in order to determine their convenience for a specific project.

Our recommendations do not exempt of the obligation of installers to deeply study the right application method for these systems before use, as well as to conduct as many preliminary tests as possible should any doubt arise. The application, use and processing of our products are beyond our control, and therefore under the exclusive responsibility of the installer. In consequence, the installer will be the only responsible of any damage derived from the partial or total in-observation of our indications, and in general, of the inappropriate use or application of these materials.

This Data Sheet supersedes all previous versions.