

Uses

Pro-Mortar is a three-component epoxy-resin based engineering mortar formulated to be used along with different types of expansion joint systems where it is designed to form the transition strip between Car Parks / Bridge Decks and expansion joints.

Advantages

- Excellent application properties.
- No priming is required.
- Fast curing with outstanding adhesion.
- Good mechanical properties with elastic characteristics.
- Hard wearing and abrasion resistant.

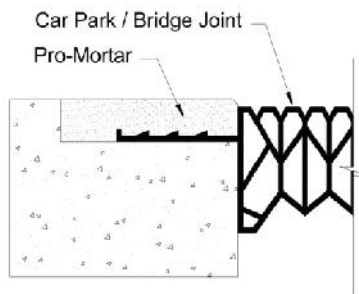


Description

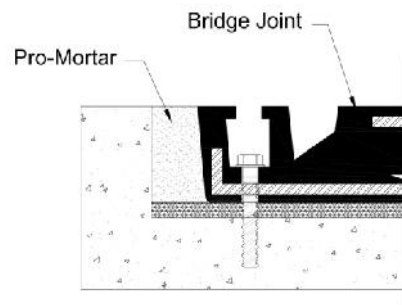
Pro-Mortar is a three-component epoxy-resin based engineering mortar formulated to possess good workability and can be casted or trowelled to a fine, accurate surface.

Example of car parks and bridge deck expansion joint where Pro-Mortar is shown:

Car Park Expansion Joint



Bridge Deck Expansion Joint



Technical Support

Prospec Specialties offer a comprehensive range of high performance, high quality products suitable for use in new construction, repair and protection. In addition, the company offers a technical support package to specifiers, end users and contractors, as well as on-site assistance.

Properties

Form : Three-part compound.
- Part A, Part B and graded silica filler.

Solids Content : 100%

Density : 2.13 kg/liter

Color : Black

Pot Life : 45 minutes @23°C; 20 minutes @35°C

Cure Time : Initial Cure

- 24 hours @23°C
- 10 hours @35°C

: Final Cure

- 7 days @23°C
- 3 days @35°C

Adhesion : Concrete - Excellent

Old Asphalt - Good

Steel - Good

Service Temperature : 75°C (maximum)

Compressive Strength : 40 N/mm²

Flexural Strength : 10 N/mm²

Tensile Strength : 6 N/mm²

Cleaning

Pro-Mortar should be removed while uncured using special type of solvent. Hardened material can only be removed mechanically.

Packaging

Pro-Mortar is supplied in 25kg packs containing Part A and Part B in separate tins and separate for filler.

PRECAUTIONS

Health and Safety

Pro-Mortar contains epoxy resin and coal tar which may cause skin sensitization in certain individuals. Skin contact should be avoided and suitable barrier cream applied or disposable rubber or plastic gloves worn. Also use eye/face protection. If contact with skin occurs, it must be removed before it hardens followed by washing with soap and water. In case of contact with eyes, rinse immediately with plenty of water and seek medical treatment immediately.

Fire

Pro-Mortar is flammable. Do not smoke during use. Do not use near a naked flame.

Flash Point: 35°C

Storage

Shelf life is 12 months in original containers stored in cool dry conditions not exceeding 25°C. Storage at higher temperature may reduce storage life.

Important Note:

Prospec products are guaranteed against defective materials and manufacture and are sold subject to its Standard Conditions for the Supply of Goods and Service.