

Spread'n bond

Polymer modified resurfacing mortar



1-Product description

1.1 USE

- Spread'n bond resurfacing mortar is the solution to solidly renew your worn concrete surfaces in a fast and easy way.
- It is ideal to bond on any concrete surfaces such as floors, walls, foundations, stairs and sidewalks.
- Spread'n bond was formulated with specific polymers and additives to give excellent adhesion properties, high abrasion resistance and very good water retention.

1.2 ADVANTAGES

- Interior or exterior use
- Bonds without the need of a concrete adhesive.
- Can be easily applied in thickness ranging from very thin (featheredge) up to 2,5 cm (1 in).

2- Installation

2.1 SURFACE PREPARATION

- Surface to be repaired must be sound, clean and free from bond inhibiting materials such as dust, oil or paint.
- Make sure the temperature is between 5 °C (40 °F) and 35 °C (95 °F), during the application and for the following 48 hours.
- Humidify the surface before the application. Do not leave any accumulation.
- When repairing cracks, start by widening the opening into a «V» shape using a chisel. Clean the surface.

2.2 MIXING

- Pour 170 ml (6 oz) of water per kilogram of mortar, into a clean container.
- Gradually add the powder while mixing for 3 to 5 minutes until the mixture has a homogeneous consistency. Scrape the sides of the container during mixing.
- Let the mix rest for 5 minutes and then mix for one additional minute.
- It is possible to use a drill equipped with a mixing attachment such as a paint mixer.
- Do not use a concrete mixer; it does not mix vigorously enough.

2.3 APPLICATION

- Apply a thin coat of material with a steel trowel, forcing it into the old concrete.
- Immediately apply the rest of mortar required to cover the surface, up to a thickness of 25 mm (1 in).
- For deeper holes, it is possible to apply successive layers. It is suggested to apply the coat that will be covered with a notched trowel to leave a rough surface, which will enhance adhesion between the two coats. Wait 24 hours before applying another coat.

2.4 FINISHING

- The surface can be finished as soon as the application is done.
- To obtain a smooth finish, use a steel finishing trowel. For a rough finish, use a broom or a wooden float.

2.5 PROTECTION AND CURING

- Cover the new application for the first 24 hours with a plastic sheeting (make sure the plastic does not touch the surface) to prevent rapid water evaporation and to protect from sun, wind or rain.
- Allow a cure of 24 hours before any foot traffic is permitted.

2.6 CLEANING

- Clean tools and containers with water while mixture is not yet hardened. Once it is hard, only a mechanical cleaning will be efficient.

3. Packaging

This product is available in:

- 1.25 kg (2.75 lb) container
- 5 kg (11 lb) container
- 10 kg (22 lb) bag
- 22.7 kg (50 lb) bag

4. Storage

- Store in a cool, dry place. Avoid placing bags directly on the floor.
- Shelf life is one year in unopened containers.
- Discard product that has been damaged by water or humidity or that contains hard lumps.

5. First aid

This product contains portland cement and may cause eye, skin and respiratory system irritation. Wear rubber gloves, safety glasses and approved dust mask. If swallowed, call a Poison Control centre or doctor

Technical data sheet

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Technical data table

Characteristic		Results
Initial set time (hours) ASTM C-191		4 ½
Final set time (hours) ASTM C-191		5 ¼
Compressive strength ASTM C-109	1 day 7 days 28 days	5 MPa (725 psi) 15 MPa (2175 psi) 20 MPa (2900 psi)
Adhesion on concrete CSA A23,2-6B	7 days 28 days	1,5 MPa (217,5 psi) 1,8 MPa (261 psi)
Specific weight kg/L (lb/ft ³) ASTM C-185		1,84 (115)
Covering per kilogram		0,09 m ² (0,97 pi ²) at a thickness of 6 mm (¼ in)

Note: These results were obtained in a laboratory at 23 °C (72°F)

immediately. Do not induce vomiting. In case of contact with eyes, rinse well with water for 15 minutes. In case of skin contact, rinse well with water. Keep out of reach of children. Consult the safety data sheet for more information.

6. Technical services

Contact Daubois for more information about application methods or conditions or to obtain the latest version of our technical documents.

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7. Warranty

Daubois guarantees that this product will perform as specified in this technical data sheet and suits the application for which it was intended. Nonetheless, Daubois does not offer any explicit or implicit warranty. Under this warranty, Daubois' responsibility is limited to either replace or refund the cost of the product proved defective.