

# CONCRETE REHABILITATION 651

Concrete Rehabilitation

Constructive repair cement for coating floors and concrete repairs in a gentle smooth finish in thickness of 5-35 mm. Especially suitable for repairs of industrial floors, concrete roadways, concrete poles, staircases walls, etc.



## Main Properties and Adjustment:

- Concrete Rehabilitation 651 intended for repairing in thickness of 5-35 mm. with gentle smooth finish.
- Dry material, ready for use merely with the addition of water, does not shrink, does not crack, resistant to erosion, waterproof.
- The surface can be used 24 hours after application
- Reaching especially high strength of approx. 60 MPa after 28 days.



**Packaging:** 25 Kg. paper bag

**Consumption:** approx. 13 liter per 25 kg. bag.

**Composition:** cement, graded aggregate and special additives.

**Substrate:** concrete, plaster and iron

## Preparation of Substrate:

- The concrete surface should be cleaned.
- Smooth and particularly condense surfaces should be roughened.
- Concrete Rehabilitation 651 should not be applied on oily surfaces that were treated with silicone or wax based materials.
- The concrete should be brushed in water prior to application of the primer.
- The exposed iron should be cleaned against rust with a steel brush prior to primer application.
- Ensure that the surface is moist prior to beginning of application.
- The primer should be applied in ratio of 1 - Concrete Rehabilitation 650: 1- Bond 340, until a thin and easy to brush mixture is obtained. It is possible to add water until the desirable workability is obtained.
- The primer should be brushed on the surface and applying the Concrete Rehabilitation "wet on wet".

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### Preparation of the Material:

Mix a 25 kg. bag of Concrete Rehabilitation 650 with 4-6 liter of water.

Pour approx. 2 liter of water into the mixing container, insert the contents of the bag and mix. Water should be added while mixing until an easy to use mixture is obtained. It is compulsory to use a mechanical mixer or another mixer.

Water quantities could vary despite that stated above in consequence of changes of weather, etc. In any event, the appropriate level of workability ought to be achieved.

### Application:

- Apply Concrete Rehabilitation 651 on a surface that was earlier prepared and treated.
- Fill, level and smooth with a trowel.
- In large floor repairs, it is recommended to work with a vibrator.
- Application of the ready materials should be completed within 30 minutes from completion of mixing.
- Curing should be executed by applying Curing Compound 361 or by curing over 3 days, 3 times a day.

### Precautions:

- Material should not be applied in surface temperatures under 5°C or above 35°C.
- Do not add water to a drying mix.

**Cleaning:** Tools and hands should be cleaned with running water, for as long as the material is fresh.

**Storage:** In its original package in a shaded and dry location.

**Shelf Life:** Up to 9 months from the production date



The Technical Service Department is available to our customers for consultation and guidance. The materials marketed by us are made of the finest components and are under close quality control. However, liability for the adjustment of the material to its use is imposed on the user only. We recommend in any event testing the adjustment of the material to the sought application prior to its use

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