

EPOXY FLOOR COATING

1. SUBSTRATE PREPARATION

The substrate preparation is aimed at building a healthy, stable and free of materials application surface. This prevents bonding such as dust, loose objects, grease, laitance etc., and consists of the following steps:

- Rub the surface with a mosaic machine to remove loose material and unclog pores of the substrate
- Clean the surface with a high-suction vacuum cleaner to remove debris, dust etc.

2. TOPICALLY REPAIR THE EXISTING FLOOR

- Holes, blemishes and cracks should be repaired prior to the application of any material.
- Cuts - Cracks: Existing holes should be repaired with coat of construction resin, in order to achieve optimal adhesion between the old and the new (repaired) concrete and filling with synthetic repair mortar.

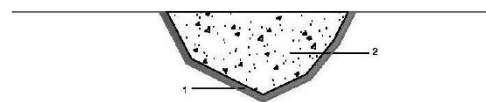
Further information:

- Building resin DOMORESIN SP for improving the adhesive capacity of the cement on existing concrete.
- Building mortar DOMOREPAIR R4 for filling cracks drilled on the existing floor.

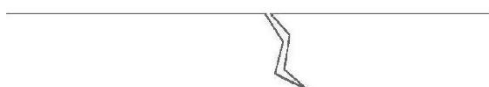
A. EXISTING HOLE



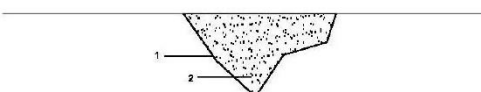
B. REPAIR OF EXISTING HOLE



A. EXISTING CRACK



B. REPAIR OF EXISTING CRACK



- 1. Opening range
- 2. DOMOREPAIR R3

3. APPLICATION OF EPOXY COATING

- Application of two - component dispersion epoxy coating SERITAL. The application is made in two layers. The second layer is applied crosswise after the first one has been dried (8-12 hours). SERITAL is vapor permeable and for this reason may be applied to wet substrate.
- The preparation of the mixture is done with low speed agitator and its implementation is done by brush, roller or air gun (airless).

CONSUMPTION: For smooth substrate, 150- 200 gr / m² per coat to dry layer thickness 150 mm.

NOTES:

1. As a topcoat, a transparent aliphatic polyurethane, SERITAL PT, is proposed to strengthen resistance to abrasion, and add a shiny aesthetic effect.
2. For floors that are exposed to sunlight, the application of SERITAL PT is required as a protective coating.
3. SERITAL PT with addition of special pellets can be used as slip-resistant layer.