

EXTERNAL UNDERGROUND WATERPROOFING WITH BITUMINOUS COATINGS

1. SUBSTRATE PREPARATION

The surface of the underground walls must be stable, clean and free of loose objects. Pins and mourelatos cut within a 3 cm depth are repaired, including any possible concrete nests, using the mortar repair **DOMOREPAIR R3**.

Construction joints cementing stops are opened in the form of a V, at a depth of 3 cm and filled with mortar repair **DOMOREPAIR R3**. In the compound of the floor and the vertical elements, a smoothing gully is created with **DOMOREPAIR R4** mortar repair or with a reinforced cement construction resin for higher demands, **DOMORESIN SP**.

- PRIMING



Application of a Primer layer elastomeric bituminous aqueous base lacquer **SOPRAKOTE**, diluted with 50% water. ($0,3 \text{ L/m}^2$). Alternatively, **SOPRAMUR LATEX** is proposed.

- APPLICATION



Then, two crosswise layers of **SOPRAKOTE** ($0,6 \text{ L/m}^2/\text{layer}$) are applied. Alternatively, **SOPRAMUR LATEX** is proposed.

- **PROTECTION**



Placement of the HDPE egg casket, **PROTECDRAIN**, as a protection of the waterproofing layer from the impending embankment and as a drainage layer. **PROTECDRAIN** is mechanically bond above the waterproofing sealing with metal support. The earth backfill is recommended to be done step by step.

DOMISSIMA