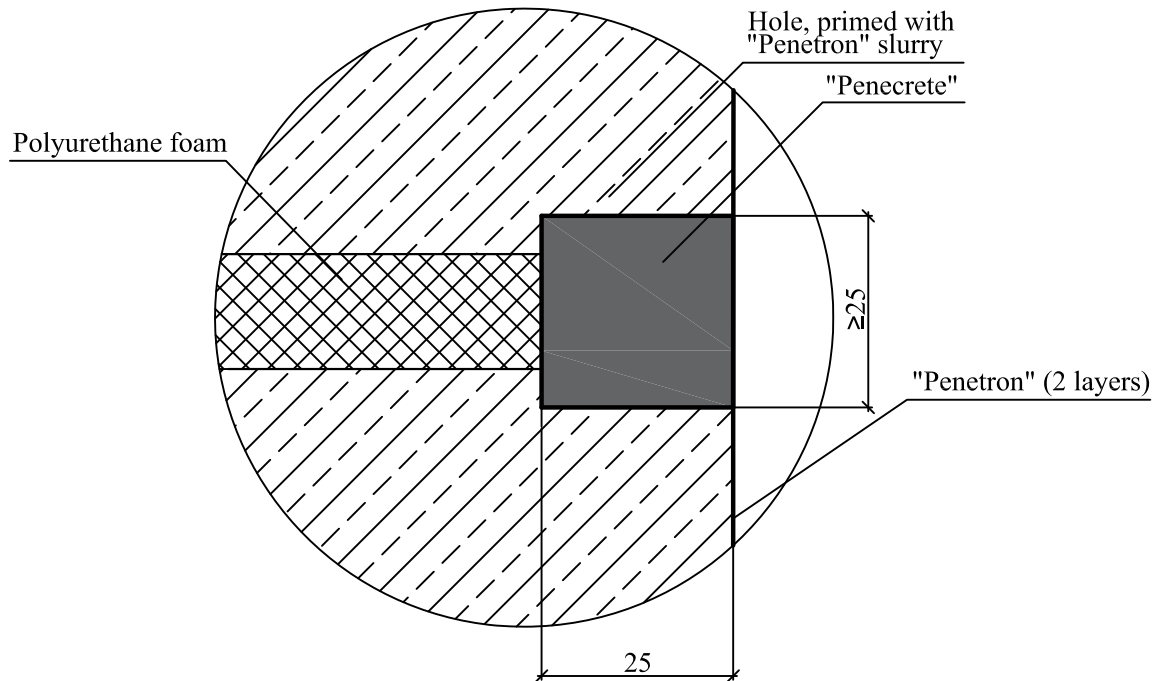


# Unit 4

## Existing structure and structure under construction Waterproofing of formwork holes



Application of the materials:

1. Clean the hole with high-pressure water spray unit or other acceptable mechanical means.
2. Prime with one layer of the mortar mix Penetron.
3. Prepare such amount of the Pencrete mortar that can be used within 30 minutes. Mix a dry mix with water in the following ratio: 0.17-0.18L of water per 1 kg of the Pencrete dry mix, or by volume - 1 portion of water per 5 portions of the dry mix. Stir the Pencrete mortar mix for 1-2 minutes manually or with a slow-speed drill until the thick plastic consistency is achieved.
4. Fill the hole with Pencrete mortar mix. The thickness of the applied layer of the Pencrete mortar mix shall not exceed 30 mm; deep holes are filled with several layers.
5. Apply Penetron slurry onto the surface in two layers without gaps. The first layer shall be applied to damp concrete and the second - to the first layer fresh but already set. Before applying the second layer, the surface should be moistened. The consumption of the dry mix Penetron is 0.8-1.1 kg/m<sup>2</sup> of the concrete surface.